

# EXHIBIT A

Lodged Exhibit Ref. #	PTS Exhibit Ref. #	Begin Bates	End Bates	Description	Trial Witness	Objections
G0516	G0001	GOOG PLTF RODR 0000059	GOOG PLTF RODR 0000059	See & control your Web & App Activity	Record	None
G0517	G0002	GOOG PLTF RODR 0000788	GOOG PLTF RODR 0000789	2021-12-15 Email from the Google Team to Susan Harvey re: Susan, review your Google Account settings	Susan Harvey	401; 403; 802
G0518	G0003	GOOG PLTF RODR 0001388	GOOG PLTF RODR 0001390	2020-07-20 Email from Google Alerts to Susan Harvey re: Google Alert - Google	Susan Harvey	401; 403; 802
G0519	G0004	GOOG PLTF RODR 0002068	GOOG PLTF RODR 0002070	2019-07-14 from Google Alerts to re Google Alert - Google	Susan Harvey	401; 403; 802
G0520	G0005	GOOG PLTF RODR 0002091	GOOG PLTF RODR 0002094	2018-05-12 Email from Google to re: Improvements to our Privacy Policy and Privacy Controls	Susan Harvey	401; 403; 802
G0521	G0006	GOOG PLTF RODR 0002275	GOOG PLTF RODR 0002276	2021-12-16 Email from the Google Team to re Susan, review your Google Account settings	Susan Harvey	401; 403; 802
G0522	G0007	GOOG PLTF RODR 0004455	GOOG PLTF RODR 0004456	2018-04-05 Email from Google Download Your Data to Susan Harvey re: Your Google data archive is ready	Susan Harvey	401; 403; 802
G0523	G0008	GOOG PLTF RODR 0006389	GOOG PLTF RODR 0006396	2020-07-21 Email from Scott Hardy to Susan Harvey re: HOT! New Settlements!	Susan Harvey	401; 403; 802
G0524	G0009	GOOG PLTF RODR 0006716	GOOG PLTF RODR 0006719	2022-03-29 Email from Top Class Actions to Susan Harvey re: See if You Qualify for These Settlements Before They're Gone	Susan Harvey	401; 403; 802
G0525	G0010	GOOG PLTF RODR 0011716	GOOG PLTF RODR 0011808	2021-11-15 Correspondence to Bruce Schneier from Susman Godfrey - Consulting Expert Retainer Agreement	Bruce Schneier	403; 802
G0526	G0011	GOOG PLTF RODR 0011718	GOOG PLTF RODR 0011723	Letter of Engagement between Ankura Consulting Group LLC and Susman Godfrey LLP	Michael Lasinski	403; 802
G0527	G0012	GOOG PLTF RODR 0011730	GOOG PLTF RODR 0011773	Lasinski Invoices through August 2022	Michael Lasinski	403; 802
G0528	G0013	GOOG PLTF RODR 0011885	GOOG PLTF RODR 0011889	2023-01-27 Email to Bruce Schneier from Alex Frawley re Rodriguez	Bruce Schneier	403; 802
G0529	G0014	GOOG PLTF RODR 0011872	GOOG PLTF RODR 0011884	Michael Lasinski CV	Michael Lasinski	None
G0530	G0015	GOOG-RDGZ-00000400	GOOG-RDGZ-00000416	Google Privacy Policy 2015-08-19	David Monsees	None
G0531	G0016	GOOG-RDGZ-00000417	GOOG-RDGZ-00000433	Google Privacy Policy 2016-03-25	David Monsees	None
G0532	G0017	GOOG-RDGZ-00000434	GOOG-RDGZ-00000450	Google Privacy Policy 2016-06-28	David Monsees	None
G0533	G0018	GOOG-RDGZ-00000451	GOOG-RDGZ-00000467	Google Privacy Policy 2016-08-29	David Monsees	None
G0534	G0019	GOOG-RDGZ-00000468	GOOG-RDGZ-00000484	Google Privacy Policy 2017-03-01	David Monsees	None
G0535	G0020	GOOG-RDGZ-00000485	GOOG-RDGZ-00000501	Google Privacy Policy 2017-04-17	David Monsees	None
G0536	G0021	GOOG-RDGZ-00000502	GOOG-RDGZ-00000518	Google Privacy Policy 2017-10-02	David Monsees	None
G0537	G0022	GOOG-RDGZ-00000519	GOOG-RDGZ-00000528	Google Privacy Policy 2017-12-18	David Monsees	None
G0538	G0023	GOOG-RDGZ-00000529	GOOG-RDGZ-00000556	Google Privacy Policy 2018-05-25	David Monsees	None
G0539	G0024	GOOG-RDGZ-00000557	GOOG-RDGZ-00000584	Google Privacy Policy 2019-01-22	David Monsees	None
G0540	G0025	GOOG-RDGZ-00000585	GOOG-RDGZ-00000612	Google Privacy Policy 2019-10-15	David Monsees	None
G0541	G0026	GOOG-RDGZ-00000613	GOOG-RDGZ-00000641	Google Privacy Policy 2019-12-19	David Monsees	None
G0542	G0027	GOOG-RDGZ-00000642	GOOG-RDGZ-00000671	Google Privacy Policy 2020-03-31	David Monsees	None
G0543	G0028	GOOG-RDGZ-00000672	GOOG-RDGZ-00000702	Google Privacy Policy 2020-07-01	David Monsees	None
G0544	G0029	GOOG-RDGZ-00000900	GOOG-RDGZ-00000901	Google Analytics for Firebase Use Policy 2019-12-20	Steve Ganem	401; 403; 802
G0545	G0030	GOOG-RDGZ-00000902	GOOG-RDGZ-00000904	Google Analytics for Firebase Terms of Service 2017-05-17	Steve Ganem	401; 403; 802
G0546	G0031	GOOG-RDGZ-00000905	GOOG-RDGZ-00000907	Google Analytics for Firebase Terms of Service 2016-05-18	Steve Ganem	401; 403; 802
G0547	G0032	GOOG-RDGZ-00000908	GOOG-RDGZ-00000909	Google Analytics for Firebase Use Policy 2017-05-17	Steve Ganem	401; 403; 802
G0548	G0033	GOOG-RDGZ-00000910	GOOG-RDGZ-00000913	Google Analytics for Firebase Terms of Service 2019-04-17	Steve Ganem	401; 403; 802
G0549	G0034	GOOG-RDGZ-00000914	GOOG-RDGZ-00000915	Archive: Firebase Analytics Use Policy 2016-05-18	Steve Ganem	401; 403; 802
G0550	G0035	GOOG-RDGZ-00000916	GOOG-RDGZ-00000918	Google Analytics for Firebase Terms of Service 2018-10-01	Steve Ganem	401; 403; 802
G0551	G0036	GOOG-RDGZ-00000923	GOOG-RDGZ-00000928	Google Terms of Service 2014-04-14	David Monsees	None
G0552	G0037	GOOG-RDGZ-00000929	GOOG-RDGZ-00000934	Google Terms of Service 2017-10-25	David Monsees	None
G0553	G0038	GOOG-RDGZ-00000935	GOOG-RDGZ-00000951	Google Terms of Service 2020-03-31	David Monsees	None
G0554	G0039	GOOG-RDGZ-00013554	GOOG-RDGZ-00013554	Plaintiffs' BSI and WAA/SWAA settings	David Monsees	None
G0555	G0040	GOOG-RDGZ-00013597	GOOG-RDGZ-00013597	Google Account SubscriberInfo.ExportSummary	David Monsees	None
G0556	G0041	GOOG-RDGZ-00013598	GOOG-RDGZ-00013598	MyActivity MyActivity.ExportSummary	David Monsees	None
G0557	G0042	GOOG-RDGZ-00013632	GOOG-RDGZ-00013632	MyActivity MyActivity.ExportSummary	David Monsees	None
G0558	G0043	GOOG-RDGZ-00013633	GOOG-RDGZ-00013632	MyActivity MyActivity.ExportSummary	David Monsees	None
G0559	G0044	GOOG-RDGZ-00014026	GOOG-RDGZ-00014047	Responses to May 25, 2016 questions relating to new signed-in ads settings   Google Inc. 15 May 2016	David Monsees	None
G0560	G0045	GOOG-RDGZ-00020551	GOOG-RDGZ-00020553	MDI user data and consents 2018-03-28	Steve Ganem	401; 802; 403
G0561	G0046	GOOG-RDGZ-00020554	GOOG-RDGZ-00020555	Google Privacy & Terms - Technologies - How Google uses information from sites or apps that use our services	David Monsees	None
G0562	G0047	GOOG-RDGZ-00020556	GOOG-RDGZ-00020557	Google Privacy & Terms - Technologies - How Google uses information from sites or apps that use our services	David Monsees	None
G0563	G0048	GOOG-RDGZ-00020562	GOOG-RDGZ-00020563	Google Privacy & Terms - Technologies - How Google uses information from sites or apps that use our services	Record;	None
G0564	G0049	GOOG-RDGZ-00046271	GOOG-RDGZ-00046286	Summary - Obfuscating Gaia ID in WAA-off logs	Steve Ganem	None
G0565	G0050	GOOG-RDGZ-00052784	GOOG-RDGZ-00052813	Slide Deck: App Measurement Overview for Kishore GPL/PM - 2019-10	Steve Ganem, Belinda Langner	None
G0566	G0051	GOOG-RDGZ-00056108	GOOG-RDGZ-00056129	Slide Deck: A Brief History of App Measurement presentation - 2019-09-20	Belinda Langner	None
G0567	G0052	GOOG-RDGZ-00061172	GOOG-RDGZ-00061180	Analytics/UID - Storage Design - 2020-10-20	Steve Ganem;	None
G0568	G0053	GOOG-RDGZ-00067721	GOOG-RDGZ-00067726	PRD: Ad Manager + Google Analytics App Integration v2 2020-07-13	Steve Ganem, Belinda Langner	None
G0569	G0054	GOOG-RDGZ-00118124	GOOG-RDGZ-00118129	Personalization Data Sources Policy	David Monsees	None
G0570	G0055	GOOG-RDGZ-00124313	GOOG-RDGZ-00124313	Export	David Monsees	None
G0571	G0056	GOOG-RDGZ-00130745	GOOG-RDGZ-00130750	2020-08-07 Email from Shen En Shih to Grace Shih re: Questions to decouple SAA and A4W launches from Reminders Dasher launch	Christopher Ruemmler, Bruce Schneier	None
G0572	G0057	GOOG-RDGZ-00142709	GOOG-RDGZ-00142717	Conversion Modeling: Principles Across Google - 2021-03-12	Belinda Langner	None
G0573	G0058	GOOG-RDGZ-00149771	GOOG-RDGZ-00149775	Slide Deck - Consent Flow	David Monsees	None
G0574	G0059	GOOG-RDGZ-00154815	GOOG-RDGZ-00154834	ACCC v. Google - Google Account Setup Flow & Historical WAA Disclosures (2017-2019) (Excerpt)	David Monsees	401; 802; 403; 106
G0575	G0060	GOOG-RDGZ-00182650	GOOG-RDGZ-00182650	Screenwise Meter Help - Access Your Screenwise Meter Account	David Monsees	802
G0576	G0061	GOOG-RDGZ-00182651	GOOG-RDGZ-00182653	Google Panel Terms & Conditions March 2018	David Monsees	802
G0577	G0062	GOOG-RDGZ-00182654	GOOG-RDGZ-00182658	Google Panel Privacy Policy February 2020 - Screenwise Meter Help	David Monsees	802
G0578	G0063	GOOG-RDGZ-00182659	GOOG-RDGZ-00182662	Google Panel Privacy Policy October 2017 - Screenwise Meter Help 2017-10-10	David Monsees	802
G0579	G0064	GOOG-RDGZ-00182663	GOOG-RDGZ-00182665	Review or delete Household & My Panel Activity - Screenwise Meter Help	David Monsees	802
G0580	G0065	GOOG-RDGZ-00182666	GOOG-RDGZ-00182668	Google Panel Terms & Conditions June 2021 - Screenwise Meter Help 2021-06-01	David Monsees	802
G0581	G0066	GOOG-RDGZ-00182673	GOOG-RDGZ-00182677	Google Panel Privacy Policy [June 2021] - Screenwise Meter Help 2021-06-01	David Monsees	802
G0582	G0067	GOOG-RDGZ-00182678	GOOG-RDGZ-00182680	Google Panel Terms & Conditions October 2017 - Screenwise Meter Help 2017-10-10	David Monsees	802
G0583	G0068	GOOG-RDGZ-00182681	GOOG-RDGZ-00182683	Google Panel Terms & Conditions March 2020 - Screenwise Meter Help 2020-03-20	David Monsees	802
G0584	G0069	GOOG-RDGZ-00182684	GOOG-RDGZ-00182688	Google Panel Privacy Policy December 2019 - Screenwise Meter Help 2019-12-19	David Monsees	802

G0585	G0070	GOOG-RDGZ-00182692	GOOG-RDGZ-00182693	Google Panel Terms & Conditions - Ipsos Screenwise Panel 2021-06-01	David Monsees	802
G0586	G0071	GOOG-RDGZ-00182696	GOOG-RDGZ-00182697	Ipsos Screenwise Panel Privacy Policy - 2021-06-25	David Monsees	802
G0587	G0072	GOOG-RDGZ-00184211	GOOG-RDGZ-00184213	User Data Access Policy 2019-06-24	David Monsees	401; 403; 802
G0588	G0073	GOOG-RDGZ-00184247	GOOG-RDGZ-00184247	App Promo Revenue 2017-2021	Belinda Langner	None
G0589	G0074	GOOG-RDGZ-00184459	GOOG-RDGZ-00184472	Slide Deck: Privacy Review - PWG-analytics - Apps Consent Support API	Steve Ganem	401; 403; 802; Foundation
G0590	G0075	GOOG-RDGZ-00185743	GOOG-RDGZ-00185743	App Promo Revenue spreadsheet 2019-2021	Belinda Langner	None
G0591	G0076	GOOG-RDGZ-00185744	GOOG-RDGZ-00185744	App Promo Revenue 2021 (Spreadsheet)	Belinda Langner	None
G0592	G0077	GOOG-RDGZ-00185868	GOOG-RDGZ-00185871	Personal Logs Policies - 2022-07-06	Steve Ganem	None
G0593	G0078	GOOG-RDGZ-00186830	GOOG-RDGZ-00186839	2019-10-21 Email from Benjamin Poiesz to Privacy & Data Protection Office - Steering Committee re PDPO Program Update - "The Making of a Privacy Moment"	David Monsees	401; 403; 802; Foundation
G0594	G0079	GOOG-RDGZ-00187010	GOOG-RDGZ-00187010	Number of U.S. Google Accounts for GAP Settings, WAA Settings, and SWAA Settings (Spreadsheet) 2016-07-27 - 2020-07-27	David Monsees	None
G0595	G0080	GOOG-RDGZ-00187578	GOOG-RDGZ-00187622	Screenwise Panel Recruitment Survey	David Monsees	None
G0596	G0081	GOOG-RDGZ-00187665	GOOG-RDGZ-00187665	AdMob Revenue 2021 (Spreadsheet)	Michael Lasinski	None
G0597	G0082	GOOG-RDGZ-00187666	GOOG-RDGZ-00187666	AdMob Revenue 2018-2020	Michael Lasinski	None
G0598	G0083	GOOG-RDGZ-00188303	GOOG-RDGZ-00188355	Slide Deck: iOS14 IDFA Consent Training	Belinda Langner	401; 403; 802; Foundation
G0599	G0085	GOOG-RDGZ-00188602	GOOG-RDGZ-00188615	Google Privacy Policy 2022-02-10	David Monsees	None
G0600	G0086	GOOG-RDGZ-00188616	GOOG-RDGZ-00188631	Google Privacy Policy 2021-02-04	David Monsees	None
G0601	G0087	GOOG-RDGZ-00188632	GOOG-RDGZ-00188647	Google Privacy Policy 2021-07-01	David Monsees	None
G0602	G0088	GOOG-RDGZ-00188768	GOOG-RDGZ-00188768	GAP Impact - Summary, ACM Request, etc. Spreadsheet	David Monsees	None
G0603	G0089	GOOG-RDGZ-00189024	GOOG-RDGZ-00189026	Privacy Policies - Digital Fingerprinting and Immutable Identifiers Policy - 2022-05-31	Steve Ganem	None
G0604	G0090	GOOG-RDGZ-00204474	GOOG-RDGZ-00204474	Google Accounts with WAA and/or sWAA on/off on a monthly basis - Spreadsheet 2016-05-01 to 2022-10-01	Belinda Langner	None
G0605	G0091	GOOG-RDGZ-00204475	GOOG-RDGZ-00204475	Google Accounts with WAA and/or sWAA on/off on a monthly basis - Spreadsheet 2016-05-01 - 2022-10-01	David Monsees	None
G0606	G0092	GOOG-RDGZ-00204476	GOOG-RDGZ-00204487	Slide Deck: App Ads - iOS IDFA Consent Model (Ongoing), detailing Google's modeling of Apple's IDFA/ATT changes impact on iOS revenue	Belinda Langner	401; 403; 802; Foundation
G0607	G0093	GOOG-RDGZ-00208190	GOOG-RDGZ-00208196	Historical WAA/sWAA Descriptions	David Monsees	None
G0608	G0094	GOOG-RDGZ-02111187	GOOG-RDGZ-02111187	Number of U.S. Google Accounts for GAP Settings, WAA Settings, and SWAA Settings 2016-07-27 - 2024-07-05	David Monsees	None
G0609	G0095	GOOG-RDGZ-02111188	GOOG-RDGZ-02111188	AdMob Revenue - Spreadsheet 2022 - 2023	Belinda Langner, Christopher Knittel	None
G0610	G0096	GOOG-RDGZ-02111189	GOOG-RDGZ-02111189	App Promo Revenue - Spreadsheet 2022 - 2023	Belinda Langner	None
G0611	G0097	GOOG-RDGZ-02111190	GOOG-RDGZ-02111190	WAA and sWAA Opt-out Impressions spreadsheet 2022-07-01 - 2024-07-01	David Monsees	802; 403
G0612	G0098	GOOG-RDGZ-02111191	GOOG-RDGZ-02111191	Google Accounts with WAA and/or sWAA on/off on a monthly basis, 2016-05-01 - 2024-07-01 - Spreadsheet	David Monsees	None
G0613	G0099	GOOG-RDGZ-02111193	GOOG-RDGZ-02111193	App Promo Revenue 2023-2024 - Spreadsheet	Belinda Langner	802; 403
G0614	G0100	GOOG-RDGZ-02111194	GOOG-RDGZ-02111194	Google Accounts with WAA and/or sWAA on/off on a monthly basis, 2016-05-01 - 2024-10-01 - Spreadsheet	David Monsees	None
G0615	G0101	GOOG-RDGZ-02111195	GOOG-RDGZ-02111195	Number of U.S. Google Accounts for GAP Settings, WAA Settings, and SWAA Settings, 2016-07-27 - 2024-09-23 - Spreadsheet	David Monsees	802; 403
G0616	G0102	GOOG-RDGZ-00187623	GOOG-RDGZ-00187624	Ipsos Screenwise Panel Document: Answers to questions we hear the most from our panelists	David Monsees	None
G0617	G0103	HF00134	HF00137	2020-07-28 Email from Mark Mao to Sal Cataldo re: Google Tracking Lawsuit	Sal Cataldo	401; 403; 802
G0618	G0104	HF00139	HF00140	2020-07-16 Email from Enoch Liang to Ethan Dunn re: Google Tracking Lawsuit	Sal Cataldo	401; 403; 802
G0619	G0105	GOOG-RDGZ-02111220	GOOG-RDGZ-02111223	[GA4] Activate Google signals for Google Analytics properties - Help Center	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0620	G0106	GOOG-RDGZ-02111224	GOOG-RDGZ-02111231	[GA4] Automatically collected events - Analytics Help	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0621	G0107	GOOG-RDGZ-02111232	GOOG-RDGZ-02111235	[GA4] Custom events - Google Analytics Help Center	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0622	G0108	GOOG-RDGZ-02111236	GOOG-RDGZ-02111240	[GA4] Data-deletion requests - Google Analytics Help Center	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0623	G0109	GOOG-RDGZ-02111241	GOOG-RDGZ-02111244	[GA4] Dimensions and metrics - Predefined user dimensions - Google Analytics Help	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0624	G0110	GOOG-RDGZ-02111245	GOOG-RDGZ-02111247	[GA4] Measure activity across platforms with User-ID - Analytics Help	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0625	G0111	GOOG-RDGZ-02111248	GOOG-RDGZ-02111252	[GA4] Users properties - Google Analytics Help	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0626	G0112	GOOG-RDGZ-02111253	GOOG-RDGZ-02111254	[UAI] Upload data use policy [Legacy] - Google Help Center	Steve Ganem	401; 403; 802; Foundation; Not produced in discovery
G0627	G0113	n/a	n/a	2021-03-17 Anibal Rodriguez's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Anibal Rodriguez	None
G0628	G0114	n/a	n/a	2021-03-17 Eliza Cambay's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Record	401; 403; 802; Foundation
G0629	G0115	n/a	n/a	2021-03-17 Emir Goenaga's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Record	401; 403; 802; Foundation
G0630	G0116	n/a	n/a	2021-03-17 Harold Nyanjom's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Record	401; 403; 802; Foundation
G0631	G0117	n/a	n/a	2021-03-17 Julian Santiago's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Julian Santiago	None
G0632	G0118	n/a	n/a	2021-03-17 JulieAnna Muniz's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Record	401; 403; 802; Foundation
G0633	G0119	n/a	n/a	2021-03-17 Kellie Nyanjom's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Record	401; 403; 802; Foundation
G0634	G0120	n/a	n/a	2021-03-17 Sal Cataldo's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Sal Cataldo	None
G0635	G0121	n/a	n/a	2021-03-17 Susan Harvey's Objections and Responses to Google's First Set of Interrogatories (Nos. 1-3)	Susan Harvey	None
G0636	G0122	n/a	n/a	2021-06-11 Anibal Rodriguez's Objections and Responses to Google's First Requests for Admission (Nos. 1-27)	Anibal Rodriguez	None
G0637	G0123	n/a	n/a	2021-06-11 Eliza Cambay's Objections and Responses to Google's First Requests for Admission (Nos. 1-25)	Record	401; 403; 802; Foundation
G0638	G0124	n/a	n/a	2021-06-11 Emir Goenaga's Objections and Responses to Google's First Requests for Admission (Nos. 1-22)	Record	401; 403; 802; Foundation
G0639	G0125	n/a	n/a	2021-06-11 Harold Nyanjom's Objections and Responses to Google's First Requests for Admission (Nos. 1-27)	Record	401; 403; 802; Foundation
G0640	G0126	n/a	n/a	2021-06-11 Julian Santiago's Objections and Responses to Google's First Requests for Admission (Nos. 1-22)	Julian Santiago	None
G0641	G0127	n/a	n/a	2021-06-11 Julieanna Muniz's Objections and Responses to Google's First Requests for Admission (Nos. 1-22)	Record	401; 403; 802; Foundation
G0642	G0128	n/a	n/a	2021-06-11 Kellie Nyanjom's Objections and Responses to Google's First Requests for Admission (Nos. 1-27)	Record	401; 403; 802; Foundation
G0643	G0129	n/a	n/a	2021-06-11 Sal Cataldo's Objections and Responses to Google's First Requests for Admission (Nos. 1-22)	Sal Cataldo	None
G0644	G0130	n/a	n/a	2021-06-11 Susan Lynn Harvey's Objections and Responses to Google's First Requests for Admission (Nos. 1-22)	Susan Harvey	None
G0645	G0131	n/a	n/a	2021-10-08 Anibal Rodriguez's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Anibal Rodriguez	None

G0646	G0132	n/a	n/a	2021-10-08 Eliza Cambay's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Record	401; 403; 802; Foundation
G0647	G0133	n/a	n/a	2021-10-08 Emir Goenaga's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Record	401; 403; 802; Foundation
G0648	G0134	n/a	n/a	2021-10-08 Harold Nyanjom's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Record	401; 403; 802; Foundation
G0649	G0135	n/a	n/a	2021-10-08 Julianna Muniz's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Record	401; 403; 802; Foundation
G0650	G0136	n/a	n/a	2021-10-08 Julian Santiago's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Julian Santiago	None
G0651	G0137	n/a	n/a	2021-10-08 Kellie Nyanjom's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Record	401; 403; 802; Foundation
G0652	G0138	n/a	n/a	2021-10-08 Sal Cataldo's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Sal Cataldo	None
G0653	G0139	n/a	n/a	2021-10-08 Susan Harvey's Objections and Responses to Google's Second Set of Interrogatories (Nos. 4-5)	Susan Harvey	None
G0654	G0140	n/a	n/a	2021-10-29 Rodriguez - Letter re Plaintiffs' ADID	Plaintiffs	401; 802; 403
G0655	G0141	n/a	n/a	2022-07-13 Anibal Rodriguez's Objections and Responses to Google's First Requests for Admission (Nos. 28-41)	Anibal Rodriguez	None
G0656	G0142	n/a	n/a	2022-07-13 Anibal Rodriguez's Objections and Responses to Google's Third Set of Interrogatories (No. 6)	Anibal Rodriguez	None
G0657	G0143	n/a	n/a	2022-07-13 Harold Nyanjom's Objections and Responses to Google's Requests for Admission, Set Two (Nos. 28-44)	Record	401; 403; 802; Foundation
G0658	G0144	n/a	n/a	2022-07-13 Harold Nyanjom's Objections and Responses to Google's Third Set of Interrogatories (No. 6)	Record	401; 403; 802; Foundation
G0659	G0145	n/a	n/a	2022-07-13 Julian Santiago's Objections and Responses to Google's Requests for Admission, Set Two (Nos. 23-36)	Julian Santiago	None
G0660	G0146	n/a	n/a	2022-07-13 Sal Cataldo's Objections and Responses to Google's Requests for Admission, Set Two (Nos. 23-36)	Sal Cataldo	None
G0661	G0147	n/a	n/a	2022-07-13 Sal Cataldo's Objections and Responses to Google's Third Set of Interrogatories (Nos. 6-7)	Sal Cataldo	None
G0662	G0148	n/a	n/a	2022-07-13 Susan Lynn Harvey's Objections and Responses to Google's Requests for Admission, Set Two (Nos. 23-36)	Susan Harvey	None
G0663	G0149	n/a	n/a	2022-07-13 Susan Lynn Harvey's Objections and Responses to Google's Third Set of Interrogatories (No. 6)	Susan Harvey	None
G0664	G0150	n/a	n/a	2022-08-17 Anibal Rodriguez's Objections and Responses to Google's Fourth Set of Interrogatories (Nos. 7-8)	Anibal Rodriguez	None
G0665	G0151	n/a	n/a	Intentionally left blank	Record	N/A
G0666	G0152	n/a	n/a	2022-08-17 Julian Santiago's Objections and Responses to Google's Fourth Set of Interrogatories (Nos. 8-9)	Julian Santiago	None
G0667	G0153	n/a	n/a	2022-08-17 Sal Cataldo's Objections and Responses to Google's Fourth Set of Interrogatories (Nos. 8-9)	Sal Cataldo	None
G0668	G0154	n/a	n/a	2022-08-17 Susan Lynn Harvey's Objections and Responses to Google's Fourth Set of Interrogatories (Nos. 7-8)	Susan Harvey	None
G0669	G0155	n/a	n/a	2022-07-13 Julian Santiago Responses to Google LLC ROG-3 (Nos. 6-7)	Julian Santiago	None
G0670	G0156	n/a	n/a	2022-10-31 Julian Santiago's Amended Objections and Responses to Google's Third Set of Interrogatories (Nos. 6-7)	Julian Santiago	None
G0671	G0157	GOOG-RDZ-02111255	GOOG-RDZ-02111260	About conversion tracking - Google Ads Help	Steve Ganem, Belinda Langner	802; 403; Foundation; Not produced in discovery
G0672	G0158	GOOG-RDZ-02111261	GOOG-RDZ-02111266	About conversion tracking - Google Ads Help 2023-07-04	Steve Ganem, Belinda Langner	401; 403; 802; Foundation
G0673	G0159	GOOG-RDZ-02111267	GOOG-RDZ-02111269	About mobile app conversion tracking - Google Ads Help	Steve Ganem, Belinda Langner	802; 403; Foundation; Not produced in discovery
G0674	G0160	GOOG-RDZ-02111270	GOOG-RDZ-02111272	About tracking app conversions with an App Attribution Partner - Google Ads Help	Steve Ganem, Belinda Langner	401; 403; 802; Foundation
G0675	G0161	GOOG-RDZ-02111273	GOOG-RDZ-02111275	Google - My Activity - Activity Controls	David Monsees	401; 403; 802; Foundation
G0676	G0162	GOOG-RDZ-02111276	GOOG-RDZ-02111277	AdMob policies and restrictions - Google AdMob Help Center	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0677	G0163	GOOG-RDZ-02111278	GOOG-RDZ-02111279	App Tracking Transparency - Apple Framework	John R. Black	802; 403; Foundation; Not produced in discovery
G0678	G0164	GOOG-RDZ-02111280	GOOG-RDZ-02111288	Automated bid strategy: Definition - Google Ads Help Center	Belinda Langner	802; 403; Foundation; Not produced in discovery
G0679	G0165	GOOG-RDZ-02111289	GOOG-RDZ-02111293	Configure Analytics data collection and usage - Documentation Analytics	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0680	G0166	GOOG-RDZ-02111294	GOOG-RDZ-02111302	Conversion tracking: Definition - Google Ads Help Center	Belinda Langner	802; 403; Not produced in discovery
G0681	G0167	n/a	n/a	Counterpane Systems LLC - Invoices to Susman Godfrey re Google/Brown Litigation	Bruce Schneier	401; 802; 403
G0682	G0168	GOOG-RDZ-02111303	GOOG-RDZ-02111304	Create a Google Account - Google Account Help	David Monsees	802; 403; Foundation; Not produced in discovery
G0683	G0169	GOOG-RDZ-02111305	GOOG-RDZ-02111305	Data: At Your Service - Inrupt Website Sources Screenshot	Bruce Schneier	401; 403; 802; Foundation; Not produced in discovery
G0684	G0170	n/a	n/a	Examples of WAA-off Data in Google Logs (Hochman Expert Report, Appx. K - 2023-03-22)	Jonathan Hochman	802; 106
G0685	G0171	GOOG-RDZ-02111306	GOOG-RDZ-02111306	Excellent Vehicle Detailing in Homestead - Eco Clean Auto Detail	Anibal Rodriguez	401; 403; 802
G0686	G0172	GOOG-RDZ-02111307	GOOG-RDZ-02111308	Find & control your Web & App Activity - Android - Google Account Help	David Monsees	802; 403; Not produced in discovery
G0687	G0173	GOOG-RDZ-02111309	GOOG-RDZ-02111309	GAP Status Table: Susan Harvey	David Monsees	401; 403; 802
G0688	G0174	GOOG-RDZ-02111310	GOOG-RDZ-02111310	Google AdMob - Ad revenue attribution configuration - AppsFlyer Help Center 2024-07-18	Christopher Knittel	802; 403; Not produced in discovery
G0689	G0175	n/a	n/a	About conversion tracking - Google Ads Help Webpage (support.google.com/google-ads/answer/1722022)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0690	G0176	GOOG-RDZ-02111311	GOOG-RDZ-02111312	About mobile app conversion tracking - Google Ads Help Webpage (support.google.com/google-ads/answer/6100665)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0691	G0177	GOOG-RDZ-02111313	GOOG-RDZ-02111316	About modeled online conversions - Google Ads Help Webpage (support.google.com/google-ads/answer/10081327)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0692	G0178	GOOG-RDZ-02111317	GOOG-RDZ-02111319	About tracking app conversions with an App Attribution Partner - Google Ads Help Webpage (support.google.com/google-ads/answer/12961402)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0693	G0179	GOOG-RDZ-02111320	GOOG-RDZ-02111321	Track app conversions with third-party app analytics - Google Ads Help Webpage (support.google.com/google-ads/answer/7382633)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0694	G0180	GOOG-RDZ-02111322	GOOG-RDZ-02111322	Your guide to conversion modeling: Introduction - Google Ads Help Webpage (support.google.com/google-ads/answer/12445061)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0695	G0181	GOOG-RDZ-02111323	GOOG-RDZ-02111326	Google Analytics and Google Analytics for Firebase on Alphabet Properties Policy 2019-11-25	Steve Ganem	802; 403; Not produced in discovery
G0696	G0182	GOOG-RDZ-02111327	GOOG-RDZ-02111331	Google Analytics for Firebase - Documentation - How it Works	Steve Ganem	802; 403; Not produced in discovery
G0697	G0183	GOOG-RDZ-02111332	GOOG-RDZ-02111341	Google Analytics for Firebase Terms of Service 2019-04-17	Steve Ganem	401; 802; 403
G0698	G0184	n/a	n/a	Google Analytics for Firebase Terms of Service 2023-04-12	Steve Ganem	401; 802; 403
G0699	G0185	GOOG-RDZ-02111351	GOOG-RDZ-02111361	Google Analytics Terms of Service 2023-05-15	Steve Ganem	401; 802; 403
G0700	G0186	GOOG-RDZ-02111362	GOOG-RDZ-02111392	Google Privacy Policy 2020-08-28	David Monsees	None
G0701	G0187	GOOG-RDZ-02111393	GOOG-RDZ-02111423	Google Privacy Policy 2020-09-30	David Monsees	None



G0702	G0188	GOOG-RDGZ-02111424	GOOG-RDGZ-02111457	Google Privacy Policy 2022-10-04	David Monsees	None
G0703	G0189	GOOG-RDGZ-02111458	GOOG-RDGZ-02111490	Google Privacy Policy 2022-12-15	David Monsees	None
G0704	G0190	GOOG-RDGZ-02111491	GOOG-RDGZ-02111523	Google Privacy Policy 2023-07-01	David Monsees	None
G0705	G0191	GOOG-RDGZ-02111524	GOOG-RDGZ-02111560	Google Privacy Policy 2023-10-04	David Monsees	None
G0706	G0192	GOOG-RDGZ-02111561	GOOG-RDGZ-02111597	Google Privacy Policy 2023-11-15	David Monsees	None
G0707	G0193	GOOG-RDGZ-02111598	GOOG-RDGZ-02111628	Google Privacy Policy 2024-01-15	David Monsees	None
G0708	G0194	GOOG-RDGZ-02111629	GOOG-RDGZ-02111666	Google Privacy Policy 2024-02-08	David Monsees	None
G0709	G0195	GOOG-RDGZ-02111667	GOOG-RDGZ-02111704	Google Privacy Policy 2024-03-04	David Monsees	None
G0710	G0196	GOOG-RDGZ-02111705	GOOG-RDGZ-02111743	Google Privacy Policy 2024-03-28	David Monsees	None
G0711	G0197	GOOG-RDGZ-02111744	GOOG-RDGZ-02111782	Google Privacy Policy 2024-09-16	David Monsees	None
G0712	G0198	GOOG-RDGZ-02111783	GOOG-RDGZ-02111786	Google AdMob Help Webpage - How AdMob works	Belinda Langner	802; 403; Foundation; Not produced in discovery
G0713	G0199	GOOG-RDGZ-02111787	GOOG-RDGZ-02111802	Google Terms of Service 2022-01-05	David Monsees	None
G0714	G0200	GOOG-RDGZ-02111803	GOOG-RDGZ-02111822	Google Terms of Service 2024-05-22	David Monsees	None
G0715	G0201	n/a	n/a	Hochman Test App Source Code	Jonathan Hochman	None
G0716	G0202	GOOG-RDGZ-02111823	GOOG-RDGZ-02111824	Google Analytics Help - How Google Analytics works	Steve Ganem	401; 802; 403; Foundation; Not produced in discovery
G0717	G0203	GOOG-RDGZ-02111825	GOOG-RDGZ-02111825	Google Privacy & Terms - How Google handles government requests for user information	David Monsees	802; 403; Not produced in discovery
G0718	G0204	GOOG-RDGZ-02111826	GOOG-RDGZ-02111835	My Ad Center Help - How personalized ads work	David Monsees	802; 403; Not produced in discovery
G0719	G0205	GOOG-RDGZ-02111836	GOOG-RDGZ-02111836	Google Publisher Policies Help - Identifying Users	Steve Ganem	802; 403; Not produced in discovery
G0720	G0206	GOOG-RDGZ-02111837	GOOG-RDGZ-02111839	If an app asks to track your activity - Apple Support	John R. Black	401; 403; 802; Foundation
G0721	G0207	GOOG-RDGZ-02111840	GOOG-RDGZ-02111847	Inrupt Privacy Policy - 2020-11-18	Bruce Schneier	401; 403; 802
G0722	G0208	GOOG-RDGZ-02111848	GOOG-RDGZ-02111854	Inrupt Terms of Use - 2020-11-24	Bruce Schneier	401; 403; 802
G0723	G0209	GOOG-RDGZ-02111855	GOOG-RDGZ-02111867	iOS 14 is available today - Apple Newsroom - 2020-09-16	Christopher Knittel	802; 403; Foundation; Not produced in discovery
G0724	G0210	n/a	n/a	Jonathan Hochman CV (Hochman Expert Report, Appx. L - 2023-03-22)	Jonathan Hochman	None
G0725	G0211	GOOG-RDGZ-02111868	GOOG-RDGZ-02111868	Legal Notice - Eco Clean Auto Detail	Anibal Rodriguez	401; 403; 802; Foundation
G0726	G0212	GOOG-RDGZ-02111869	GOOG-RDGZ-02111871	Measure screenviews - Firebase Documentation Analytics	Steve Ganem	802; 403; Not produced in discovery
G0727	G0213	GOOG-RDGZ-02111872	GOOG-RDGZ-02111875	Our Privacy Principles - Google Safety Center 2023-02-22	David Monsees	802; 403; Not produced in discovery
G0728	G0214	GOOG-RDGZ-02111876	GOOG-RDGZ-02111879	Our Privacy Principles - Google Safety Center 2024-09-18	David Monsees	802; 403; Not produced in discovery
G0729	G0215	GOOG-RDGZ-02111880	GOOG-RDGZ-02111881	Personalized and non-personalized ads - Google AdMob Help Center	Steve Ganem	802; 403; Not produced in discovery
G0730	G0216	GOOG-RDGZ-02111882	GOOG-RDGZ-02111885	Prepare for the future with Google Analytics 4 - Marketing Platform - 2022-03-16	Steve Ganem	802; 403; Not produced in discovery
G0731	G0217	GOOG-RDGZ-02111886	GOOG-RDGZ-02111888	Privacy and Security - Best practices to avoid sending Personally Identifiable Information (PII) - Google Help Center	Steve Ganem	401; 403; 802; Not produced in discovery
G0732	G0218	GOOG-RDGZ-02111889	GOOG-RDGZ-02111889	Privacy Policy - Eco Clean Auto Detail	Anibal Rodriguez	401; 403; 802; Foundation
G0733	G0219	GOOG-RDGZ-02111890	GOOG-RDGZ-02111895	Readability Formulas Have Even More Limitations Than Klare Discusses - Janice Redish, 2000-08 - ACM Journal of Computer Documentation	Bruce Schneier	401; 403; 802
G0734	G0220	GOOG-RDGZ-02111896	GOOG-RDGZ-02111896	Requests for User Information FAQs - Transparency Report Help Center 2023-06-27	David Monsees	401; 403; 802
G0735	G0221	GOOG-RDGZ-02111897	GOOG-RDGZ-02111898	Safeguarding your data - Analytics Help	Steve Ganem	401; 403; 802; Not produced in discovery
G0736	G0222	GOOG-RDGZ-02111899	GOOG-RDGZ-02111900	Safeguarding your data - Analytics Help	Steve Ganem	401; 403; 802; Not produced in discovery
G0737	G0223	GOOG-RDGZ-02111901	GOOG-RDGZ-02111903	Set up conversions from Firebase or App Attribution Partners for App campaigns for engagement - Google Ads Help Center	Belinda Langner	802; 403; Not produced in discovery
G0738	G0224	GOOG-RDGZ-02111904	GOOG-RDGZ-02111910	SKAdNetwork - Apple Developer	Christopher Knittel	802; 403; Foundation; Not produced in discovery
G0739	G0225	GOOG-RDGZ-02111911	GOOG-RDGZ-02111925	Source Code - O'Doherty Law	Sal Cataldo	802; 403; Foundation
G0740	G0226	GOOG-RDGZ-02111916	GOOG-RDGZ-02111926	Talks at Google - Video Clip	Bruce Schneier	401; 403; 802; Not produced in discovery
G0741	G0227	GOOG-RDGZ-02111927	GOOG-RDGZ-02111928	Tests Document Readability - Readability Calculator (Schneier Deposition Ex. 31)	Bruce Schneier	401; 403; 802
G0742	G0228	GOOG-RDGZ-02111929	GOOG-RDGZ-02111931	Tests Document Readability - Readability Calculator (Schneier Deposition Ex. 33)	Bruce Schneier	401; 403; 802
G0743	G0229	GOOG-RDGZ-02111932	GOOG-RDGZ-02111937	Use Firebase with Google Ad Mob 2025-05-18	Steve Ganem	802; Foundation; Outside Class Period
G0744	G0230	GOOG-RDGZ-02111938	GOOG-RDGZ-02111938	WAA Status Table: Susan Harvey	David Monsees	802; Foundation
G0745	G0231	GOOG-RDGZ-02111939	GOOG-RDGZ-02111940	WAA Statuses Table: Anibal Rodriguez	David Monsees	802; Foundation
G0746	G0232	GOOG-RDGZ-02111941	GOOG-RDGZ-02111941	WAA Statuses Table: Julian Santiago	David Monsees	802; Foundation
G0747	G0233			Updated Appendix A to 2021-10-29 Rodriguez - Letter re Plaintiffs ADID	Plaintiffs	401; 802; 403
G0748	G0234	GOOG-RDGZ-00013450	GOOG-RDGZ-00013455	Add Firebase to your Android Project	Steve Ganem	802
G0749	G0235	GOOG-RDGZ-00013455	GOOG-RDGZ-00013454	Add Firebase to your iOS project	Steve Ganem	802
G0750	G0236	GOOG-RDGZ-00013459	GOOG-RDGZ-00013460	Analytics Error Codes	Steve Ganem	802
G0751	G0237	GOOG-RDGZ-00013461	GOOG-RDGZ-00013465	Archive: Firebase Analytics Terms of Service	Steve Ganem	802
G0752	G0238	GOOG-RDGZ-00013466	GOOG-RDGZ-00013467	Archive: Firebase Analytics Use Policy	Steve Ganem	802
G0753	G0239	GOOG-RDGZ-00013468	GOOG-RDGZ-00013470	Configure Analytics Data Collection and Usage	Steve Ganem	802
G0754	G0240	GOOG-RDGZ-00013471	GOOG-RDGZ-00013473	Debugging events	Steve Ganem	802
G0755	G0241	GOOG-RDGZ-00013474	GOOG-RDGZ-00013475	Enhance Search Performance	Steve Ganem	802
G0756	G0242	GOOG-RDGZ-00013476	GOOG-RDGZ-00013483	Export Crashlytics Data to BigQuery	Steve Ganem	802
G0757	G0243	GOOG-RDGZ-00013484	GOOG-RDGZ-00013485	Extend Google Analytics with Cloud Functions	Steve Ganem	802
G0758	G0244	GOOG-RDGZ-00013486	GOOG-RDGZ-00013487	Firebase App Indexing	Steve Ganem	802
G0759	G0245	GOOG-RDGZ-00013488	GOOG-RDGZ-00013489	Firebase Crashlytics	Steve Ganem	802
G0760	G0246	GOOG-RDGZ-00013490	GOOG-RDGZ-00013492	Release & Monitor	Steve Ganem	802
G0761	G0247	GOOG-RDGZ-00013493	GOOG-RDGZ-00013495	Get started with Firebase Crashlytics	Steve Ganem	802
G0762	G0248	GOOG-RDGZ-00013496	GOOG-RDGZ-00013497	Get started with Google Analytics	Steve Ganem	802
G0763	G0249	GOOG-RDGZ-00013498	GOOG-RDGZ-00013499	Get started	Steve Ganem	802
G0764	G0250	GOOG-RDGZ-00013515	GOOG-RDGZ-00013516	Google Analytics for Firebase Use Policy	Steve Ganem	802
G0765	G0251	GOOG-RDGZ-00013517	GOOG-RDGZ-00013520	Free and unlimited app analytics	Steve Ganem	802
G0766	G0252	GOOG-RDGZ-00013521	GOOG-RDGZ-00013522	Google Analytics	Steve Ganem	802
G0767	G0253	GOOG-RDGZ-00013523	GOOG-RDGZ-00013525	Log events	Steve Ganem	802
G0768	G0254	GOOG-RDGZ-00013526	GOOG-RDGZ-00013527	Log User Actions	Steve Ganem	802
G0769	G0255	GOOG-RDGZ-00013528	GOOG-RDGZ-00013532	Measure Ecommerce	Steve Ganem	802
G0770	G0256	GOOG-RDGZ-00013533	GOOG-RDGZ-00013535	Migrate to the Latest API	Steve Ganem	802
G0771	G0257	GOOG-RDGZ-00013536	GOOG-RDGZ-00013537	Refine Public Content Indexing	Steve Ganem	802
G0772	G0258	GOOG-RDGZ-00013538	GOOG-RDGZ-00013539	Set a user ID	Steve Ganem	802
G0773	G0259	GOOG-RDGZ-00013540	GOOG-RDGZ-00013541	Set User Properties	Steve Ganem	802
G0774	G0260	GOOG-RDGZ-00013542	GOOG-RDGZ-00013543	Terms Service for Firebase Services	Steve Ganem	802
G0775	G0261	GOOG-RDGZ-00013544	GOOG-RDGZ-00013545	Test your implementation	Steve Ganem	802
G0776	G0262	GOOG-RDGZ-00013546	GOOG-RDGZ-00013547	Track Screenviews	Steve Ganem	802
G0777	G0263	GOOG-RDGZ-00013548	GOOG-RDGZ-00013550	Use Analytics in a WebView	Steve Ganem	802
G0778	G0264	GOOG-RDGZ-00013551	GOOG-RDGZ-00013554	Use Google Analytics to get metrics for crash reports	David Monsees	802
G0779	G0265	GOOG-RDGZ-02111199	n/a	Google Account - Activity Controls	David Monsees	802; 403; Foundation; Not produced in discovery
G0780	G0266	GOOG-RDGZ-02111201	n/a	Google Account Help - Find and control your web & app activity	David Monsees	802; 403; Foundation; Not produced in discovery
G0781	G0267	GOOG-RDGZ-02111204	n/a	Privacy & Terms - How Google uses information from sites or apps that use our services	David Monsees	802; 403; Foundation; Not produced in discovery
G0782	G0268	GOOG-RDGZ-00000081	GOOG-RDGZ-00000081	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0783	G0269	GOOG-RDGZ-00000082	GOOG-RDGZ-00000082	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0784	G0270	GOOG-RDGZ-00000083	GOOG-RDGZ-00000083	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0785	G0271	GOOG-RDGZ-00000086	GOOG-RDGZ-00000086	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0786	G0272	GOOG-RDGZ-00000091	GOOG-RDGZ-00000091	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0787	G0273	GOOG-RDGZ-00000095	GOOG-RDGZ-00000095	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0788	G0274	GOOG-RDGZ-00000097	GOOG-RDGZ-00000097	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation

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G0849	G0335	GOOG-RDZ-00000235	GOOG-RDZ-00000235	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0850	G0336	GOOG-RDZ-00000237	GOOG-RDZ-00000237	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0851	G0337	GOOG-RDZ-00000239	GOOG-RDZ-00000239	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0852	G0338	GOOG-RDZ-00000240	GOOG-RDZ-00000240	Historic version of Find & control your Web & App Activity (partial page)	David Monsees;	802; 403; Foundation
G0853	G0339	GOOG-RDZ-00000241	GOOG-RDZ-00000241	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0854	G0340	GOOG-RDZ-00000242	GOOG-RDZ-00000242	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0855	G0341	GOOG-RDZ-00000244	GOOG-RDZ-00000244	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0856	G0342	GOOG-RDZ-00000245	GOOG-RDZ-00000245	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0857	G0343	GOOG-RDZ-00000246	GOOG-RDZ-00000246	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0858	G0344	GOOG-RDZ-00000247	GOOG-RDZ-00000247	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0859	G0345	GOOG-RDZ-00000248	GOOG-RDZ-00000248	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0860	G0346	GOOG-RDZ-00000249	GOOG-RDZ-00000249	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0861	G0347	GOOG-RDZ-00000250	GOOG-RDZ-00000250	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0862	G0348	GOOG-RDZ-00000252	GOOG-RDZ-00000252	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0863	G0349	GOOG-RDZ-00000253	GOOG-RDZ-00000253	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0864	G0350	GOOG-RDZ-00000259	GOOG-RDZ-00000259	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0865	G0351	GOOG-RDZ-00000261	GOOG-RDZ-00000261	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0866	G0352	GOOG-RDZ-00000263	GOOG-RDZ-00000263	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0867	G0353	GOOG-RDZ-00000264	GOOG-RDZ-00000264	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0868	G0354	GOOG-RDZ-00000266	GOOG-RDZ-00000266	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0869	G0355	GOOG-RDZ-00000268	GOOG-RDZ-00000268	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0870	G0356	GOOG-RDZ-00000269	GOOG-RDZ-00000269	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0871	G0357	GOOG-RDZ-00000273	GOOG-RDZ-00000273	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0872	G0358	GOOG-RDZ-00000275	GOOG-RDZ-00000275	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0873	G0359	GOOG-RDZ-00000276	GOOG-RDZ-00000276	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0874	G0360	GOOG-RDZ-00000277	GOOG-RDZ-00000277	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0875	G0361	GOOG-RDZ-00000282	GOOG-RDZ-00000282	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0876	G0362	GOOG-RDZ-00000284	GOOG-RDZ-00000284	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0877	G0363	GOOG-RDZ-00000287	GOOG-RDZ-00000287	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0878	G0364	GOOG-RDZ-00000289	GOOG-RDZ-00000289	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0879	G0365	GOOG-RDZ-00000290	GOOG-RDZ-00000290	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0880	G0366	GOOG-RDZ-00000292	GOOG-RDZ-00000292	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0881	G0367	GOOG-RDZ-00000294	GOOG-RDZ-00000294	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0882	G0368	GOOG-RDZ-00000295	GOOG-RDZ-00000295	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0883	G0369	GOOG-RDZ-00000297	GOOG-RDZ-00000297	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0884	G0370	GOOG-RDZ-00000299	GOOG-RDZ-00000299	Historic version of Find & control your Web & App Activity	David Monsees;	802; 403; Foundation
G0885	G0371	GOOG-RDZ-00000301	GOOG-RDZ-00000301	Historic version of Find & control your Web & App Activity (partial page)	David Monsees	802; 403; Foundation
G0886	G0372	GOOG-RDZ-00000921	GOOG-RDZ-00000921	Historic version of Find & control your Web & App Activity	David Monsees	802; 403; Foundation
G0887	G0373	n/a	n/a	FloodIt Demo (http://flood-it.app/?utm_source=partners&utm_medium=affiliate&utm_campaign=data%20share%20article&utm_content=first%20link)	Steve Ganem	401; 403; 802; Foundation; Not produced in discovery
G0888	G0375	n/a	n/a	Google Analytics FloodIt Demo, available to jurors via laptop	Steve Ganem	401; 403; 802; Foundation; Not produced in discovery
G0889	n/a	n/a	n/a	[GA4] Activate Google signals for Google Analytics properties - Analytics Help (Web archive May 29, 2023)	Steve Ganem	802; 403; Foundation
G0890	n/a	n/a	n/a	[GA4] Automatically collected events - Analytics Help (Web archive May 12, 2023)	Steve Ganem	802; 403; Foundation
G0891	n/a	n/a	n/a	[GA4] Custom events - Analytics Help (Web archive June 1, 2023)	Steve Ganem	802; 403; Foundation
G0892	n/a	n/a	n/a	[GA4] Data-deletion requests - Analytics Help (Web archive March 26, 2023)	Steve Ganem	802; 403; Foundation
G0893	n/a	n/a	n/a	[GA4] Predefined user dimensions - Analytics Help (Web archive June 5, 2023)	Steve Ganem	802; 403; Foundation
G0894	n/a	n/a	n/a	[GA4] Measure activity across platforms with User-ID - Analytics Help (Web archive February 28, 2023)	Steve Ganem	802; 403; Foundation
G0895	n/a	n/a	n/a	[GA4] User properties - Analytics Help (Web archive March 15, 2023)	Steve Ganem	802; 403; Foundation
G0896	n/a	n/a	n/a	[UA] Upload data use policy [Legacy] - Analytics Help (Web archive December 27, 2022)	Steve Ganem	802; 403; Foundation
G0897	n/a	n/a	n/a	[ECF No. 383-2] MSJ Appx A-7 (Excerpt pages 169-172) (Key Terms - Privacy & Terms, as published on June 27, 2016)	David Monsees	802; 403; Foundation
G0898	n/a	n/a	n/a	[ECF No. 383-2] MSJ Appx A-7 (Excerpt pages 173-175) (How Google uses data when you use our apps - Privacy & Terms, as published July 18, 2016)	David Monsees	802; 403; Foundation
G0899	n/a	n/a	n/a	AdMob policies and restrictions - Google AdMob Help (Web archive March 8, 2023)	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0900	n/a	n/a	n/a	App Tracking Transparency Apple Developer Documentation (Web archive May 14, 2021)	John R. Black	802; 403; Foundation; Not produced in discovery
G0901	n/a	n/a	n/a	Automated bid strategy Definition - Google Ads Help (Web archive September 16, 2024)	Belinda Langner	802; 403; Foundation; Not produced in discovery
G0902	n/a	n/a	n/a	Configure Analytics data collection and usage Google Analytics for Firebase for Android (web archive January 31, 2023)	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0903	n/a	n/a	n/a	Configure Analytics data collection and usage Google Analytics for Firebase for ios (web archive February 2, 2023)	Steve Ganem	802; 403; Foundation; Not produced in discovery
G0904	n/a	n/a	n/a	Conversion tracking Definition - Google Ads Help (Web archive August 22, 2024)	Belinda Langner	802; 403; Foundation; Not produced in discovery
G0905	n/a	n/a	n/a	Create a Google Account - Google Account Help (Web archive February 13, 2023)	David Monsees	802; 403; Foundation; Not produced in discovery
G0906	n/a	n/a	n/a	Find & control your Web & App Activity - Android - Google Account Help (Web archive July 5, 2023)	David Monsees	802; 403; Foundation; Not produced in discovery



G0907	n/a	n/a	n/a	Google AdMob - Ad revenue attribution configuration - AppsFlyer Help Center 2024-07-18 (Web archive (Web archive July 18, 2024))	Christopher Knittel	802; 403; Foundation; Not produced in discovery
G0908	n/a	n/a	n/a	About mobile app conversion tracking - Google Ads Help Webpage (support.google.com/googleads/answer/6100665) (Web archive May 25, 2024)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0909	n/a	n/a	n/a	About modeled online conversions - Google Ads Help Webpage (support.google.com/googleads/answer/10081327) (Web archive July 13, 2024)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0910	n/a	n/a	n/a	About tracking app conversions with an App Attribution Partner - Google Ads Help Webpage (support.google.com/google-ads/answer/12961802) (Web archive April 3, 2024)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0911	n/a	n/a	n/a	Track app conversions with third-party app analytics - Google Ads Help Webpage (support.google.com/googleads/answer/7382633) (Web archive June 3, 2024)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0912	n/a	n/a	n/a	Your guide to conversion modeling: Introduction - Google Ads Help Webpage (support.google.com/googleads/answer/12445061) (Web archive December 22, 2022)	Belinda Langner	401; 403; 802; Foundation; Not produced in discovery
G0913	n/a	n/a	n/a	Google Analytics for Firebase - Documentation - How it Works (Web archive February 13, 2023)	Steve Ganem	802; 403; Not produced in discovery
G0914	n/a	n/a	n/a	Google AdMob Help Webpage - How AdMob works (Web archive September 1, 2024)	Belinda Langner	802; 403; Foundation; Not produced in discovery
G0915	n/a	n/a	n/a	Google Analytics Help - How Google Analytics works (Web archive March 17, 2023)	Steve Ganem	802; 403; Not produced in discovery
G0916	n/a	n/a	n/a	My Ad Center Help - How personalized ads work (Web archive September 17, 2024)	David Monsees	802; 403; Not produced in discovery
G0917	n/a	n/a	n/a	Google Publisher Policies Help - Identifying Users (Web archive August 3, 2023)	Steve Ganem	802; 403; Not produced in discovery
G0918	n/a	n/a	n/a	iOS 14 is available today - Apple Newsroom - 2020-09-16 (Web archive September 10, 2024)	Christopher Knittel	802; 403; Foundation; Not produced in discovery
G0919	n/a	n/a	n/a	Measure screenviews - Firebase Documentation Analytics (Web archive February 5, 2023)	Steve Ganem	802; 403; Not produced in discovery
G0920	n/a	n/a	n/a	Our Privacy Principles - Google Safety Center 2023-02-22 (Web archive February 22, 2023)	David Monsees	802; 403; Not produced in discovery
G0921	n/a	GOOG-RDGZ-00154768	GOOG-RDGZ-00155040	ACCC Bundle	David Monsees	401; 802; 403
G0922	n/a	n/a	n/a	Personalized and non-personalized ads - Google AdMob Help Center (Web archive August 6, 2022)	Steve Ganem	802; 403; Not produced in discovery
G0923	n/a	n/a	n/a	Prepare for the future with Google Analytics 4 (Web archive February 10, 2023)	Steve Ganem	802; 403; Not produced in discovery
G0924	n/a	n/a	n/a	Best practices to avoid sending Personally Identifiable Information (PII) - Google (Web archive March 30, 2023)	Steve Ganem	401; 403; 802; Not produced in discovery
G0925	n/a	n/a	n/a	Google Safeguarding your data (Web archive September 23, 2023)	Steve Ganem	401; 403; 802; Not produced in discovery
G0926	n/a	GOOG-RDGZ-00186360	GOOG-RDGZ-00186361	Device Fingerprinting Policy (May 12, 2017)	Steve Ganem	401; 403; 802; Not produced in discovery
G0927	n/a	n/a	n/a	Set up conversions from Firebase or App Attribution Partners (web archive June 19, 2024)	Belinda Langner	401; 403; 802; Not produced in discovery
G0928	n/a	n/a	n/a	SKAdNetwork: Apple Developer Documentation (web archive October 23, 2021)	Christopher Knittel	802; 403; Foundation; Not produced in discovery
G0929	n/a	GOOG-RDGZ-00184214	GOOG-RDGZ-00184215	Scrubbing Policies for Log Data	Steve Ganem	401; 403; 802; Not produced in discovery
G0930	n/a	n/a	n/a	Find & Control Your Web & App Activity (Web Archive September 16, 2024)	David Monsees	401; 403; 802; Not produced in discovery
G0931				Diagram of Activity Controls Disclosures	David Monsees; Donna Hoffman	401; 403; 802; Foundation; Does not comply with 1006
G0932				Diagram of Ads Attribution	Belinda Langner	401; 403; 802; Foundation; Does not comply with 1006
G0933				Summary of Google Analytics Terms of Service	David Monsees	401; 403; 802; Does not comply with 1006
G0934				Summary of Google Privacy Policies & Key Terms	David Monsees	401; 403; 802; Not produced during discovery; Does not comply with 1006
G0935				Summary of Google's Help Center Pages	David Monsees	401; 403; 802; Foundation; Not produced in discovery; Does not comply with 1006
G0936				How Google uses information from sites or apps that use our services compilation	David Monsees	401; 403; 802; Foundation; Not produced in discovery; Does not comply with 1006
G0937				Summary of Data Collection Disclosures for Screenwise Panel Program	Michael Lasinski	401; 403; 802; Does not comply with 1006
G0938				Summary of Definitions from Google's Privacy Policies and Key Terms Page	David Monsees	401; 403; 802; Does not comply with 1006
G0939				Summary of Internal Policies on the Use of Fingerprinting	Steve Ganem	401; 403; 802; Does not comply with 1006
G0940				Summary of Language from Every GA4F ToS re Disclosing Use of GA and Not Sharing PII	Steve Ganem	401; 403; 802; Does not comply with 1006
G0941				Summary of Plaintiffs WAA and sWAA Statuses	David Monsees	401; 403; 802; Foundation
				Diagram of Data Flow Process from GA4F to Google	Steve Ganem	
	PX0001	GOOG-RDGZ-00130381		Email from D. Sharma to C. Ruemmler on December 18, 2019 Re: Change WAA Master PRD go/change-waa-master-prd	Ruemmler, Schneier	Relevance - FRE 402; Incomplete - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0002	GOOG-RDGZ-00151992		Presentation titled Retention Control Comprehension, dated April 27, 2020	Monsees, Schneier, Miraglia	Hearsay - FRE 801/802; Lack of Foundation/Personal Knowledge - FRE 602; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0003	GOOG-RDGZ-00024709		Email from C. Ruemmler to D. Monsees, L. Liu, and N. Linkow on July 25, 2019 Re: Wording changes for WAA bit	Hochman, Monsees, Ruemmler, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0004	GOOG-RDGZ-00149701		Email from J. Mueller to J. McPhie, C. Fair, et al. on June 10, 2016 Re: Effect of flipping SWAA	Hochman, Miraglia, Schneier	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0005	GOOG-RDGZ-00044356		Email from H. Wong to C. Collada, C. Jordan, et al. on August 27, 2020 Re: Ondevice history cleanup	Kearns, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Hearsay - FRE 801/802
	PX0006	GOOG-RDGZ-00188868		Document titled Privacy Native Conversations, October 19, 2020	Heft-Luthy, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0007	GOOG-RDGZ-00130322		Email from D. Sharma to C. Ruemmler on August 20, 2019 Re: Change WAA-off Lo...	Ruemmler, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0008	GOOG-RDGZ-00130745		Email from S. Shih to G. Shih, N. Shi, et al. on August 7, 2020 Re: Questions to decouple SAA and A4W launches from Reminders Dabser launch	Ruemmler, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0009	GOOG-RDGZ-00043294.R		Document titled N3 Research request - Express Echidna, dated June 8, 2020	Monsees, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0010	GOOG-RDGZ-00039086		Email from E. Beres to J.K. Kearns, F. Worsley, et al. on November 13, 2018 Re: WAA check for user models	Kearns, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802



	PX0011	GOOG-RDGZ-00033245		Email from D. Stone to S. Ganem on September 18, 2020 Re: Firebase IID to A... -	Hochman, Ganem, Schneier	Lack of Foundation/Personal Knowledge - FRE 602; Mislead the Jury/Unfairly Prejudicial - FRE 403; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0012	GOOG-RDGZ-00089546		Email from X. Ruemmler to D. Monsees on July 8, 2020 Re: Core Services Web...	Hochman, Monsees, Ruemmler, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Incomplete - FRE 106
	PX0013	GOOG-RDGZ-0004478.R		Email from D. Monsees to S. Deguglielmo, D. Gatwood, C. Collada, et al. on September 8, 2020 Re: Disable Device History For Signed In WAA Off Users	Monsees, Hochman, Kearns, Schneier	Lack of Foundation/Personal Knowledge - FRE 602; Mislead the Jury/Unfairly Prejudicial - FRE 403; Hearsay - FRE 801/802
	PX0014	GOOG-RDGZ-00020692		Presentation titled Pinecone Study 3 - UDC, dated April 25, 2017	Hochman, Monsees, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0015	GOOG-RDGZ-00021160		Presentation titled Data Retention Usability Study Findings, dated March 13, 2019	Hochman, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0016	GOOG-RDGZ-00087964		Email from B. Chen to D. Monsees on April 3, 2019 Re: WAA Retention   Word design doc - UXW	Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Incomplete - FRE 106
	PX0017	GOOG-RDGZ-00129441		Presentation titled Google Account Privacy Narrative, dated February 2021	Heft-Luthy, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0018	GOOG-RDGZ-00203679		Document titled PrivacyNative   scratch pad, dated August 20, 2020	Heft-Luthy, Hochman, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0019	GOOG-RDGZ-00090236		Presentation titled Retention Cards Launch in Personalized Privacy Checkup, dated October 28, 2020	Hochman, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0020	GOOG-RDGZ-00144760		Presentation titled UDC Research, dated December 7, 2017	Hochman, Monsees, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0021	GOOG-RDGZ-00046896		Presentation titled Web and App Activity, dated January 27, 2021	Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0022	GOOG-RDGZ-00026517		Presentation titled N3 UXW - 2021 Overview and Approach, dated November 12, 2020	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0023	GOOG-RDGZ-00068127		Presentation titled Data Retention Usability Study Findings, dated March 13, 2019	Monsees, Google Document Custodian	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0024	GOOG-RDGZ-00118124		Document titled Personalization Data Sources Policy, dated July 10, 2020	Hochman, Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0025	GOOG-RDGZ-00129096		Email from A. de Booi to J. McPhie on October 22, 2020 Re: Program Review: Privacy Surfaces	Heft-Luthy, Hochman, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0026	GOOG-RDGZ-00016378		January 22, 2019 Version of the webpage "Google Privacy Policy"	Schneier, Ruemmler, Monsees, Plaintiffs	N/A
	PX0027	GOOG-RDGZ-00000231		May 7, 2019 Version of Google webpage "See & control your Web & App Activity"	Schneier, Ruemmler, Monsees, Plaintiffs	N/A
	PX0028			Excerpts of Google CEO Sundar Pichai's testimony before House Judiciary Committee, dated December 12, 2018	Schneier, Hochman, Heft-Luthy, Monsees, Pichai	Relevance - FRE 402, ECF Nos. 498, 537; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Authenticity; Incomplete Document; Pichai excluded by June 25, 2025 Court Order
	PX0029	GOOG-RDGZ-00018689		Document titled Pinecone 15 - Hamburg Debrief Notes, dated September 14, 2018	Monsees, Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0030	GOOG-RDGZ-00145451		Document titled Maps/local personal features, privacy settings, messaging, and logging, dated February 2015	Monsees	Relevance - FRE 402; Lack of Foundation/Personal Knowledge - FRE 602
	PX0031	GOOG-RDGZ-00150939		Email from G. Hogben to D. Kleidnermacher, S. Adhya, et al. on November 29, 2018 Re: incognito	Schneier, Google Document Custodian	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0032	GOOG-RDGZ-00025811		Document titled Internal Document titled "H3 mini-briefs - Dyna/Trust - Drafts, dated March 17, 2020	Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602
	PX0033	GOOG-RDGZ-00151565		Email from C. Ruemmler to E. Miraglia, D. Monsees and M. Grabovac on July 18, 2020 Re: My Activity Support/Viability	Ruemmler, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0034	GOOG-RDGZ-00171164		Email from T. Lueth to R. Behl on February 8, 2019 Re: [For XFN review] ...	Schneier, Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0035	GOOG-RDGZ-00203674		Document titled Outline for Sarah's Feb 13, 2020 Privacy UX Kickoff Talk, dated February 8, 2020	Schneier, Google Document Custodian	Relevance - FRE 402; Unfairly Prejudicial; Incomplete - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)

		GOOG-RDGZ-00015394		September 18, 2017 Spreadsheet titled Pines	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0036						
	PX0037	GOOG-RDGZ-00018270		Document from Monsees' files, dated March 14, 2018	Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802;
	PX0038	GOOG-RDGZ-00129042		Chat Transcript between K. Allebu, A. de Booij, R. Brauer and J. Woll on October 8, 2020 Re: AAAAM3Erg4s-60-00-GR1xc	Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0039	GOOG-RDGZ-00203545		Email from E. Bellamy to A. de Booij on August 13, 2020 Re: PrivacyNative Perspective (go/privacynative-persepective)	Hochman; Heft-Luthy	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Authenticity; Incomplete - FRE 106
	PX0040	GOOG-RDGZ-00203639		Google Docs Notification to S. Heft-Luthy on October 12, 2020 Re: [Confidential] PrivacyNative Perspective (go/privacynativ...	Heft-Luthy	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Authenticity; Incomplete - FRE 106
	PX0041	GOOG-RDGZ-00130416		Document titled Cloud Trust Weekly Snippets, dated February 22, 2019	Ruemmler	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0042	GOOG-RDGZ-00173562		Email from S. Heft-Luthy to PrivacySurfaces-Team and J. McPhie on October 14, 2020 Re: Fwd: Program Review: Privacy Surfaces	Heft-Luthy; Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0043	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
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	PX0045	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
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	PX0050	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0051	GOOG-RDGZ-00000923		Google's Terms of Service, modified April 14, 2014	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0052	GOOG-RDGZ-00000929		Google's Terms of Service, modified October 25, 2017	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0053	GOOG-RDGZ-00000935		Google's Terms of Service, modified March 31, 2020	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0054	GOOG-RDGZ-00188592		Google's Terms of Service, modified January 5, 2022	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0055			Google's Terms of Service, modified May 22, 2024	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0056			Google's Privacy Policy from June 28, 2016	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0057			Google's Privacy Policy from August 29, 2016	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0058			Google's Privacy Policy from March 1, 2017	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0059			Google's Privacy Policy from April 17, 2017	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0060			Google's Privacy Policy from October 2, 2017	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0061			Google's Privacy Policy from December 18, 2017	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0062			Google's Privacy Policy from May 25, 2018	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0063			Google's Privacy Policy from January 22, 2019	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0064			Google's Privacy Policy from October 15, 2019	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0065			Google's Privacy Policy from December 19, 2019	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0066			Google's Privacy Policy from March 31, 2020	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0067			Google's Privacy Policy from July 1, 2020	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0068			Google's Privacy Policy from August 28, 2020	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0069			Google's Privacy Policy from September 30, 2020	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0070			Google's Privacy Policy from February 4, 2021	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a

	PX0071		Google's Privacy Policy from July 1, 2021	Monsees, Schneier, Plaintiffs, Heft-Luthy, Ganem, Hoffman, Hochman	n/a
	PX0072		Google's Privacy Policy from February 10, 2022	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0073		Google's Privacy Policy from October 4, 2022	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0074		Google's Privacy Policy from December 15, 2022	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0075		Google's Privacy Policy from July 1, 2023	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0076		Google's Privacy Policy from October 4, 2023	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0077		Google's Privacy Policy from November 15, 2023	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0078		Google's Privacy Policy from January 15, 2024	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0079		Google's Privacy Policy from February 8, 2024	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0080		Google's Privacy Policy from March 4, 2024	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0081		Google's Privacy Policy from March 28, 2024	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0082		Screenshot of Android Privacy Menu (Screen 1)	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0083		Nov. 7, 2022 Email from L. Arakaki to R. Sila re: Google's Supp'l Interrogatory Response Set 3	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	Lack of Authentication - FRE 901; Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0084		Google Activity Controls Page, from September 6, 2022	Monsees, Schneier, Plaintiffs, Ganem, Hoffman, Hochman	n/a
	PX0085	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0086	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0087	GOOG-RDGG-00208190	Document titled Historical WAA/sWAA Descriptions, dated December 5, 2022	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0088		Google's "Find & Control your Web & App Activity" page (WAA Help page)	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0089	GOOG-RDGG-00000122	Document titled (s)WAA Disclosure, dated June 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0090	GOOG-RDGG-00000266	Document titled (s)WAA Disclosure, dated June 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0091	GOOG-RDGG-00000162	Document titled (s)WAA Disclosure, dated June 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0092	GOOG-RDGG-00000171	Document titled (s)WAA Disclosure, dated June 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0093	GOOG-RDGG-00000299	Document titled (s)WAA Disclosure, dated July 15, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0094	GOOG-RDGG-00000232	Document titled (s)WAA Disclosure, dated July 18, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0095	GOOG-RDGG-00000268	Document titled (s)WAA Disclosure, dated July 18, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0096	GOOG-RDGG-00000173	Document titled (s)WAA Disclosure, dated July 18, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0097	GOOG-RDGG-00000153	Document titled (s)WAA Disclosure, dated July 18, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0098	GOOG-RDGG-00000290	Document titled (s)WAA Disclosure, dated July 18, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0099	GOOG-RDGG-00000186	Document titled (s)WAA Disclosure, dated September 21, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0100	GOOG-RDGG-00000198	Document titled (s)WAA Disclosure, dated September 21, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0101	GOOG-RDGG-00000228	Document titled (s)WAA Disclosure, dated September 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0102	GOOG-RDGG-00000295	Document titled (s)WAA Disclosure, dated September 28, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0103	GOOG-RDGG-00000240	Document titled (s)WAA Disclosure, dated October 27, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0104	GOOG-RDGG-00000097	Document titled (s)WAA Disclosure, dated October 27, 2016	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0105	GOOG-RDGG-00000292	Document titled (s)WAA Disclosure, dated February 13, 2017	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0106	GOOG-RDGG-00000098	Document titled (s)WAA Disclosure, dated November 15, 2017	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0107	GOOG-RDGG-00000133	Document titled (s)WAA Disclosure, dated December 12, 2017	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0108	GOOG-RDGG-00000206	Document titled (s)WAA Disclosure, dated January 9, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0109	GOOG-RDGG-00000297	Document titled (s)WAA Disclosure, dated January 9, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0110	GOOG-RDGG-00000182	Document titled (s)WAA Disclosure, dated January 9, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a

	PX0111	GOOG-RDGZ-00000294		Document titled (s)WAA Disclosure, dated August 3, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0112	GOOG-RDGZ-00000167		Document titled (s)WAA Disclosure, dated March 27, 2019	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0113	GOOG-RDGZ-00000231		Document titled (s)WAA Disclosure, dated May 7, 2019	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0114	GOOG-RDGZ-00000120		Document titled (s)WAA Disclosure, dated October 1, 2019	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0115	GOOG-RDGZ-00000225		Document titled (s)WAA Disclosure, dated August 5, 2020	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0116			Copy of WAA Help Page, dated June 16, 2020, via Wayback Machine - Due to technical difficulties, this document will be produced in the near future.	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0117			Ruemmler Dep. Ex. 5: Copy of WAA Help Page from Ruemmler's Deposition	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0118	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0119	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0120			Enlarged Version of the "Activity Controls" and "What's saved as Web & App Activity" screen	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0121			"About Google" webpage, publically available, last visited July 20, 2023	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0122			Google Safety Center webpage titled Privacy tools that put you in control, from September 1, 2024	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0123	GOOG-RDGZ-00020554		Google webpage titled How Google Uses Information From Sites or Apps That Use Our Services, dated April 20, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0124	GOOG-RDGZ-00020556		Google webpage titled How Google Uses Information From Sites or Apps That Use Our Services, dated May 11, 2018	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0125	GOOG-RDGZ-00020558		Google webpage titled How Google Uses Information From Sites or Apps That Use Our Services, dated April 24, 2020	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0126	GOOG-RDGZ-00020560		Google webpage titled How Google Uses Information From Sites or Apps That Use Our Services, dated April 24, 2020	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
	PX0127	GOOG-RDGZ-00020562		Google webpage titled How Google Uses Information From Sites or Apps That Use Our Services, dated May 26, 2020	Monsees, Schneier, Plaintiffs, Hoffman, Ganem, Ruemmler, Hochman	n/a
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	PX0129	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0130	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0131			Google Article titled Keeping your personal information private and safe - and putting you in control, dated June 1, 2015	Schneier, Plaintiffs	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0132			Sundar Pichai NYT Op-Ed: "Privacy Should Not Be a Luxury Good"	Schneier, Plaintiffs, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901; Pichai excluded by June 25, 2025 Court Order
	PX0133			Google Blog, titled "Keeping your information private", dated June 24, 2020 <a href="https://blog.google/technology/safety-security/keeping-private-information-private/">https://blog.google/technology/safety-security/keeping-private-information-private/</a>	Plaintiffs, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901; Pichai excluded by June 25, 2025 Court Order
	PX0134			Document titled Written Testimony of Sundar Pichai, CEO of Alphabet Inc. before House Committee on the Judiciary, Subcommittee on Antitrust, Commercial, and Administrative Law, Hearing on "Online Platforms and Market Power, Part 6: Examining the Dominance of Amazon, Apple, Facebook, and Google, dated July 29, 2020	Schneier, Pichai	Relevance - FRE 402, ECF Nos. 498, 537; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901; Pichai excluded by June 25, 2025 Court Order
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		GOOG-RDGZ-00085183	Document Re: Velocity Meeting - G2.0 User Controls V2 notes, dated March 24, 2014	Monsees, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0152	GOOG-RDGZ-00035752	Document Re: "go/udc-snippets", dated September 10, 2014	Monsees, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0153	GOOG-RDGZ-00164255	Email from L. You to T. Roessler, J. Woloz and K. Enright on October 12, 2014 Re: UDC 10/10 meeting	Monsees, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Pichai excluded by June 25, 2025 Court Order
	PX0154	GOOG-RDGZ-00014184	Email from D. Monsees to B. Horling on March 16, 2015 Re: draft yet	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0155	GOOG-RDGZ-00056947	Presentation titled "Firebase aka Google Mobile Platform (GMP)", dated October 9, 2015"	Ganem, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0156	GOOG-RDGZ-00149617	G. Fair 2016 Perf	Miraglia	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
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	PX0158	GOOG-RDGZ-00136298	Presentation titled Google Analytics Cross-Device Review, dated October 2016	Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0159	GOOG-RDGZ-00195309	Presentation titled "App Summit for Monetization"	Langner, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602 (Langner is not listed on Plaintiffs' witness list)
	PX0160	GOOG-RDGZ-00156520	Email from G. Fair to M. Gilbert, D. Price, et al. on October 26, 2016 Re: Has Now stopped displaying useful cards?	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0161	GOOG-RDGZ-00061295	Email from G. Fair to D. Corrigan on December 21, 2016 Re: Web & App Activity	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0162	GOOG-RDGZ-00058424	Presentation titled Firebase + Firebase Analytics ACM, dated December 16, 2016	Ganem	Relevance - FRE 402; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0163	GOOG-RDGZ-00020680	Email from G. Fair to D. Monsees, D. Corrigan, et al. on January 27, 2017 Re: OPA OOBIE for only device level settings - Invitation to edit	Monsees, Hochman	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; incomplete - FRE 106
	PX0164	GOOG-RDGZ-00092072	Presentation titled Firebase Growth Presentation, dated February 2017	Hochman	Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0165	GOOG-RDGZ-00145258	Email from E. Miraglia to G. Unger on March 2, 2017 re Question on current state on lockbox opt-in	Monsees, Miraglia, Hochman, Schneier	Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0166	GOOG-RDGZ-00192217	Presentation titled "Universal App Campaign Best Practices"	Langner, Hochman	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0167	GOOG-RDGZ-00061316	Email from D. Monsees to S. Elner, L. Alon, et al. on April 5, 2017 Re: Where is swaa stored?	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Hearsay - FRE 801/802
	PX0168	GOOG-RDGZ-00015211	Email from X. Zhang to E. Wald on June 9, 2017 Re: Chrome Sync data	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0169	GOOG-RDGZ-00018195	Privacy Pattern: So You're Keeping Data with Transparency and Control	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0170	GOOG-RDGZ-00187017	Document titled Google Analytics for Firebase, dated May 9, 2017	Ganem, Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0171	GOOG-RDGZ-00057867	Presentation titled Google Analytics for Firebase, dated May 22, 2017	Ganem	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0172	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0173	GOOG-RDGZ-00028309	Presentation titled Measurement For Growth Partner Summit 2017, dated August 30, 2017	Ganem	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0174	GOOG-RDGZ-00020110	Presentation titled Privacy, Footprints and GeoGA	Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0175	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0176	GOOG-RDGZ-00018219	Document titled UDC - My Google, dated January 2, 2018	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0177	GOOG-RDGZ-00037749	Email from M. Tintor to B. Horling on April 3, 2018 Re: Dark patterns in Assistant	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Unfairly prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0178	GOOG-RDGZ-00018254	Email from B. Lim to Tintor on April 3, 2018 re Dark patterns in Assistant	Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Unfairly prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0179	GOOG-RDGZ-00076564	Firebase New Hire Overview (2018)	Google Document Custodian	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0180	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0181	GOOG-RDGZ-00076980	Internal Document, titled "[Scotchmallow] Firebase packet, dated May 8, 2018"		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0182				

		GOOG-RDGZ-00037892.R	Email from C. Ruemmler to E. Wald on May 23, 2018 re "Chrome History Data"	Ruemmler, Monsees	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0183					
		GOOG-RDGZ-00018595	Presentation titled Trust & Privacy @ S-20, dated June 8, 2018	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0184					
		GOOG-RDGZ-00030007.R	Document titled Collection Support for Device ID Remarketing, dated June 6, 2018	Ganem	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0185					
		GOOG-RDGZ-00018350	Presentation titled Pines, dated September, 2017	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0186					
		GOOG-RDGZ-00145258	Email from E. Miraglia to M. Segeritz on June 8, 2018 re sWAA significantly lower than other preset-opt-in UDC settings?	Miraglia, Monsees, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0187					
		GOOG-RDGZ-00018409	Search & Trust (S-20)	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0188					
		GOOG-RDGZ-00076933	Email from J. Shiver-Blake to F. Ma on June 18, 2018 Re: AdMob+ SDK Work Priority	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0189					
		GOOG-RDGZ-00164171	Email from K. Enright to J. Menzel on June 29, 2018 Re: Privacy and Tracking	Google Document Custodian	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0190					
		GOOG-RDGZ-00018455	Presentation titled Privacy Principles, dated July 2018	Monsees, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0191					
		GOOG-RDGZ-00117318	July 11, 2018 Spreadsheet Titled MG UXR Findings	Heft-Luthy, Monsees, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Authenticity, Incomplete - FRE 106
PX0192					
		GOOG-RDGZ-00015004	Email from D. Monsees to J. Wolf on July 19, 2018 Re: Replacing 'Activity' with 'History'	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0193					
		GOOG-RDGZ-00145330	Internal Document, titled "UDC Leads sync meeting notes", dated August 2018	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0194					
		GOOG-RDGZ-00020740	Email from F. Sekles to D. Monsees on August 14, 2018 re Location History AP story	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0195					
		GOOG-RDGZ-00018557	Note to Execs About AP Story	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0196					
		GOOG-RDGZ-00157386	Email from B. Horling to V. Goel on August 14, 2018 re "Unauth PA"	Heft-Luthy, Monsees	Relevance - FRE 402; Confusing the Issues/Misleading the Jury - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0197					
		GOOG-RDGZ-00152785	Document titled Privileged and Confidential Location History   PR Post Mortem, dated August 15, 2018	Monsees, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
PX0198					
		GOOG-RDGZ-00131086	Email from C. Hea Cho to A. Stein on August 16, 2018 re TGIF dory question on Location History	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
PX0199					
		GOOG-RDGZ-00160904	Email from H. Ahuja to K. Kanakamedala on August 18, 2018 re Update on Location review with Sundar on Monday	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
PX0200					
		GOOG-RDGZ-00145362	Email from D. Monsees to V. Adzic, dated August 20, 2018 re background location and waa	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0201					
		GOOG-RDGZ-00127151	Email from C. Dubrowa to R. Shiikin on August 21, 2018 re Google Leads notes	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
PX0202					
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PX0203					
		GOOG-RDGZ-00116916	Email from B. Horling to J. Menzel on August 23, 2018 re [Confirmed] - Working Together on Location	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0204					
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PX0205					
		GOOG-RDGZ-00018652	Initial privacy settings in AMS	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0206					
		GOOG-RDGZ-00014927	Email from Jen Fitzpatrick Re: Updated Deck for Sundar, dated 9/12/18	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0207					
		GOOG-RDGZ-00038594	Internal Document titled "Update on Location for Google Leads, dated September 10, 2018"	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0208					
		GOOG-RDGZ-00015165	SPUR 9/06: Controls for Personalization in Search Email	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
PX0209					
		GOOG-RDGZ-00171250	Email from A. Repetto to C. Iannuccilli on September 15, 2018 re "Next steps on Location History"	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
PX0210					

		GOOG-RDGZ-00068316		Presentation titled My Google 7 Research Study, dated September, 2018		Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0211					
		GOOG-RDGZ-00207101		Email from R. Posner to S. Luthy on September 25, 2018 re "comments to Privacy Advisor review Sep 13"	Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Authenticity, Incomplete - FRE 106
	PX0212					
		GOOG-RDGZ-00207105		Email from D. Warren to H. Luthy on September 26, 2018 re Privacy Advisor review on Sept 13	Schneier, Heft-Luthy, Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511); Authenticity, Incomplete - FRE 106
	PX0213					
		GOOG-RDGZ-00038846		Email from K. Dhamdhere to D. Monsees on October 28, 2018 re "Google's Web & App activity gathers information about non-Google apps"	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0214					
		GOOG-RDGZ-00130078		Internal Document, titled "Jen / Dane / Geo Leads", dated November 8, 2018	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0215					
		GOOG-RDGZ-00028472		Document titled Day 2: Sellside breakout sessions: AdMob MCM Intro, dated November 13, 2018	Hochman, Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0216					
		GOOG-RDGZ-00087672		Email from S. Heft-Luthy to E. Lo and others on December 11, 2018 re PDPO PMs	Heft-Luthy, Monsees, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0217					
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	PX0218					
		GOOG-RDGZ-00210316		Presentation titled Noether Improving User Privacy for Apps, dated December 13, 2018	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0219					
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	PX0220					
		GOOG-RDGZ-00153597		Internal Document, titled "ingemar : rothfuss 1:1 Notes", dated December 19, 2018	Monsees, Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete Document; Pichai excluded by June 25, 2025 Court Order
	PX0221					
		GOOG-RDGZ-00028616		Email from B. Baker to S. Ganem on January 3, 2019 re: New Google Play enforcements?	Ganem	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0222					
		GOOG-RDGZ-00185669		Internal Document, titled "Change WAA-off Logging PRD", dated January 16, 2019	Monsees, Ruemmler	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0223					
		GOOG-RDGZ-00177709		Presentation titled App Ads 10SDK Update (Project Uno), dated January 2019	Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0224					
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	PX0225					
		GOOG-RDGZ-00203483		Email from M. Chow to M. Blackwell on February 7, 2019 re Leads Cockpit Updates are on this week (1/7)		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0226					
		GOOG-RDGZ-00181440		Document titled Firebase Data collection on GAIA ID, dated February 8, 2019	Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0227					
		GOOG-RDGZ-00014556		Change WAA Master PRD	Monsees, Ruemmler	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0228					
		GOOG-RDGZ-00024166		Email from E. Boshorn to D. Monsees on February 20, 2019 re "Assistant & Private Search control"	Monsees, Ruemmler	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0229					
		GOOG-RDGZ-00130237		Email from Patrick LaMondia titled "Separate setting for personal results on Assistant"	Ruemmler	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0230					
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	PX0231					
		GOOG-RDGZ-00028906		Presentation titled Google Analytics for Firebase DSK Deep Dive, dated February, 2019	Ganem	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0232					
		GOOG-RDGZ-00039515		Email from D. Monsees to Y. Kwon on February 28, 2019 re "March Launch for WAA location + Off Means Coarse"	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0233					
		GOOG-RDGZ-00028992		Email from S. Ganem to M. Trong-Thi on March 1, 2019 re: Installed packages are being sent to app-measurement[.com	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0234					
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	PX0235					
		GOOG-RDGZ-00017489		Notes from Chris:Ankit notes, dated March 5, 2019	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0236					
		GOOG-RDGZ-00153380		Presentation titled "Off Means Coarse", dated March 25, 2019	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0237					
		GOOG-RDGZ-00209109		Email from C. Wu to C. Machado on April 18, 2019 Re: WAA and sWAA control for gaia-based conversion tracking	Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0238					
		GOOG-RDGZ-00209035		April 4, 2019 email from C. Wu to E. Ochotta	Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0239					
		GOOG-RDGZ-00014314		Email from David Monsees Re: Monsees Perf 2019, dated 4/5/19	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0240					
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	PX0241					
		GOOG-RDGZ-00161364		Presentation titled GEO Privacy Champion: Key Privacy Concepts, dated April 17, 2019	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0242					
		GOOG-RDGZ-00177701		Internal document titled "WAA Retention Control - Ads POV", dated April 17, 2019	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0243					
		GOOG-RDGZ-00186761		Presentation, titled "Data Retention Controls (WAA & LH)", dated April 17, 2019	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0244					
		GOOG-RDGZ-00042318		Presentation, titled "Retention Control in My Activity", dated April 17, 2019	Monsees, Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0245					

		GOOG-RDGZ-00183074		Ads GAIA Council Meeting Notes	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0246	INTENTIONALLY LEFT BLANK				N/A
	PX0247	GOOG-RDGZ-00019219		Presentation titled Retention Control in My Activity, dated April 17, 2019	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0248	GOOG-RDGZ-00014597		Email from K. Kosinski to C. Caywood on May 8, 2019 re "Google's Sundar Pichai: Privacy Should Not Be a Luxury Good"	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0249	GOOG-RDGZ-00014578		Email from J. Degrave to C. Gao on May 9, 2019 re Google's Sundar Pichai: Privacy Should Not Be a Luxury Good	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0250	GOOG-RDGZ-00059486		Email from R. Oak to E. Weng, S. Ganem and K. Gopalratnam on May 10, 2019 Re: Question about AdMob+ and IAPS	Ganem, Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0251	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0252	GOOG-RDGZ-00202401		Presentation titled "Web to App Connect internal deck"	Langner, Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0253	GOOG-RDGZ-00100625		Email from M. Kuo to firebase-discuss on May 31, 2019 re Firebase Performance and Analytics	Ganem, Hochman, Schneier	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0254	GOOG-RDGZ-00082579		Email from S. Ganem to M. Lowe on June 6, 2019 Re: qq on web	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0255	GOOG-RDGZ-00029866		Email from S. Ganem to D. Stone on June 10, 2019 Re: [Launch 179160] Device ID Remarketing Lists for O&O via In-app Pings	Ganem, Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0256	GOOG-RDGZ-00177433		Presentation titled "App Ads and Google Analytics", dated June 14, 2019	Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0257	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0258	GOOG-RDGZ-00040456		Email from Y. Tong to M. Mosley on July 1, 2019 Re: Does footprint support WAA bit turn off data fetch?	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0259	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0260	GOOG-RDGZ-00047495		Google presentation titled "GAIA Remarketing Data from Apps through Firebase SDK", dated July 23, 2019	Ganem, Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0261	GOOG-RDGZ-00024695		Email from V. Adzic to D. Monsees on July 25, 2019 re Wording changes for WAA bit	Monsees, Ruemmler	Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0262	GOOG-RDGZ-00127803		Email from M. Lynch to Privacy Surfaces Team on August 13, 2019 re this week in Privacy Surfaces - Aug 13	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0263	GOOG-RDGZ-00146721		Document titled PWG-Knowledge Office Hours Notes	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0264	GOOG-RDGZ-00163898		Internal Document, titled "fma@self eval packet - DRAFT, dated September 3, 2019"	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Pichai excluded by June 25, 2025 Court Order
	PX0265	GOOG-RDGZ-00088573		Email from S. Amar to A. Degwekar, T. Kotal and Change-Waa-Team on September 13, 2019 Re: Logging gaiauserstate in clearcut logs	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0266	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0267	GOOG-RDGZ-00052784		Presentation titled App Measurement Overview for Kishore GPL/PM, dated October 2019	Ganem	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0268	GOOG-RDGZ-00127840		Email from K. Luu to D. Core and others dated October 11, 2019 re the "Simplifications of Privacy Settings"	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0269	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0270	GOOG-RDGZ-00088856		Email from S. Marti to M. Mosley on November 20, 2019 Re: GWS putting GAIA IDs in anonymous logs	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0271	GOOG-RDGZ-00041592		Email from K. Liu to A. Young on November 21, 2019 Re: Review for changing WAA off logging	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0272	GOOG-RDGZ-00046121		Internal Document, titled "WAA+YT+LH Default Retention Summary", dated December 10, 2019	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0273	GOOG-RDGZ-00130366		Email from C. Ruemmler to E. Boxhoorn on December 13, 2019 re "Ramping up Logging Changes and Experiment for WAA-off traffic"	Ruemmler, Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0274	GOOG-RDGZ-00046271		Document titled Obfuscating GAIA ID in WAA-off logs, dated December 15, 2019	Monsees, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0275	GOOG-RDGZ-00209764		Email from M. Segeritz to D. Monsees on February 3, 2020 Re: Effect of WAA/WAA/YT History on GAP functionality/value	Monsees, Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0276	GOOG-RDGZ-00061531		Internal Document, titled "Web & App Activity Default Retention FAQs", dated February 19, 2020	Monsees	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0277	GOOG-RDGZ-00031436		Email from S. Ganem to C. Scott on February 27, 2020 re: Firebase analytics related questions	Ganem	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0278	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0279	GOOG-RDGZ-00025584		Document titled "Draft i/o Privacy Narrative"	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0280	GOOG-RDGZ-00196620		Presentation titled "Google Ads Attribution Apps Summit"	Hochman, Langner	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0281	GOOG-RDGZ-00106253		Email from D. Mouret to A. Rahavan on March 12, 2020 Re: [gaquestions] CCPA: Clarification on Sharing with Google products & services & Google signals	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0282	GOOG-RDGZ-00090067		Presentation titled N3 UXR Strategy - Overview and approach, dated May 5, 2020	Schneier, Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0283					



	PX0284	GOOG-RDGZ-00181141	Google document titled "UDS Privacy Policy Overview"	Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0285	GOOG-RDGZ-00181801	Internal Document, titled "PWG Analytics Playbook", dated April 2020	Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0286	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0287	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0288	GOOG-RDGZ-00208099	Document titled "Rubidium Interim Ads Privacy Changes PRD"	Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0289	GOOG-RDGZ-00060716	Presentation titled Increase user engagement with Firebase & Google Analytics, dated April 28, 2020	Ganem, Hochman, Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0290	GOOG-RDGZ-00060716	Presentation titled "Increase user engagement with Firebase & Google Analytics"	Ganem, Hochman	(Appears to be duplicate)
	PX0291	GOOG-RDGZ-00151484	N3 UXR Staffing		Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0292	GOOG-RDGZ-00043018	My Activity - PDPO Review	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0293	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0294	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0295	GOOG-RDGZ-00070506	Presentation titled Firebase - AdMob, dated June 2020	Schneier	Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0296	GOOG-RDGZ-00043133	Email from T. Roessler to D. Sharma on June 2, 2020 re: sWAA Logging	Monsees, Hochman	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0297	GOOG-RDGZ-00046727	Document titled "Need to Know - Communicate with Care"	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0298		Google blog post titled How our display buying platforms share revenue with publishers, dated June 23, 2020		Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0299	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0300	GOOG-RDGZ-00032535	Email from S. Ganem to R. Extra on June 24, 2020 Re: Firebase Next Steps	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0301	GOOG-RDGZ-00169704	Email from Othar to R. Ahluw on June 7, 2020 re Chat Transcript	Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0302	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0303	GOOG-RDGZ-00167809	ID-steering Newsletter	Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0304	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0305	GOOG-RDGZ-00054795	Email from X. Ye to C. Bindra on August 18, 2020 Re: Target audience without 1:1 mapping	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0306	GOOG-RDGZ-00066703	Cohort Report Infrastructure Design	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0307	GOOG-RDGZ-00033244	Email from X. Ye to S. Ganem on September 17, 2020 re a comment in the document "Firebase IID to Analytics PWG Analysis"	Ganem, Hochman, Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Incomplete - FRE 106
	PX0308	GOOG-RDGZ-00044641.R	Email from A. young to C. Gutnajer on September 21, 2020 re "WAA Logging Change"	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0309	GOOG-RDGZ-00184430	Internal Document, titled "Toward a privacy-native Google experience", dated October 1, 2020	Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0310	GOOG-RDGZ-00061172	Analytics-IID - Storage Design	Ganem	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0311	GOOG-RDGZ-00209974	Presentation titled "Why our approach to consent negatively impacts trust: Product strategy review", dated October 7, 2020	Monsees, Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0312	GOOG-RDGZ-00173600	Document titled "PrivacyNative Perspective"	Heft-Luthy, Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0313	GOOG-RDGZ-00159764	Email from S. Luthy to M. Lynch on October 21, 2020 re "Program Review: Privacy Surfaces"	Heft-Luthy	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0314	GOOG-RDGZ-00129084	Email from O. Helyse to A. Debooji on October 21, 2020 re Chat	Schneier	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0315	GOOG-RDGZ-00203740	PDPO UXR Mgr Meeting Notes 2020		Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)

	PX0316	GOOG-RDGZ-00001010		Google Webpage titled Analytics Help Page "Realtime", dated January 23, 2021	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0317	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0318	GOOG-RDGZ-00026437		Presentation titled Project Instep	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0319	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0320	GOOG-RDGZ-00067393		Scion - AdMob Integration Principles	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0321	GOOG-RDGZ-00068676		Presentation titled Instep UXR Lit Review, dated February, 2021	Monsees	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0322	GOOG-RDGZ-00067396		Google Ads & Analytics: Internal Training for Firebase, dated November 15, 2019	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0323	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0324	GOOG-RDGZ-00067792		Presentation titled Firebase Operate Roadmap for AdMob, 2020	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0325	GOOG-RDGZ-00068107		Document titled Comm Doc - Google Analytics for Firebase	Ganem	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0326	GOOG-RDGZ-00209974		Consent UX Research Overview	Google Document Custodian	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Improper Expert Opinion - FRE 702 (Schneier Opinion on Consumer Expectations Excluded per ECF No. 511)
	PX0327	GOOG-RDGZ-00211106		Spreadsheet titled "Fields in AdMob Logs"	Hochman	Relevance - FRE 402; Mislead the Jury/Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
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	PX0349	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0350	INTENTIONALLY LEFT BLANK				INTENTIONALLY LEFT BLANK
	PX0351			Google and YouTube Will Pay Record \$170 Million for Alleged Violations of Children's Privacy Law  <a href="https://www.ftc.gov/news-events/news/press-releases/2019/09/google-youtube-will-pay-record-170-million-alleged-violations-childrens-privacy-law">https://www.ftc.gov/news-events/news/press-releases/2019/09/google-youtube-will-pay-record-170-million-alleged-violations-childrens-privacy-law</a>  [NOTE: URL fixed from last time]	Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0352			Google Will Pay \$22.5 Million to Settle FTC Charges it Misrepresented Privacy Assurances to Users of Apple's Safari Internet Browser  <a href="https://www.ftc.gov/news-events/news/press-releases/2012/08/google-will-pay-225-million-settle-ftc-charges-it-misrepresented-privacy-assurances-users-apples">https://www.ftc.gov/news-events/news/press-releases/2012/08/google-will-pay-225-million-settle-ftc-charges-it-misrepresented-privacy-assurances-users-apples</a>	Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0353			In re Google Inc. Agreement Containing Consent Order (FTC - Google)		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0354			Sept. 23, 2014 Email from C. Palmer to chrome-security re: I promise this is my last rant about Incognito :) (Dkt. 928-34, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901

	PX0355		Dec. 12, 2014 email from W. Hoffelder to Palmer re: Incognito. ( (Dkt. 928-68, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0356		Feb. 11, 2015 email from C. Palmer to A. Porter Felt re: Innocognito-fest 2015 (Dkt. 928-61, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0357		Jun. 21, 2016 email from C. Palmer to S. Borsay re: Google "Incognito" Precision (Dkt. 928-51, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0358		Jul. 11, 2018 Chat Transcript (Dkt. 928-52, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0359		Presentation titled The Incognito Problem (Dkt. 928-83, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0360		Sept. 24, 2018 email from C. Palmer to R. Halavati re: The Incognito Problem - Invitation to edit (Dkt. 928-47, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0361		Nov. 6, 2018 email from C. Palmer to M. Paddon re: EFF: Google Chrome's Users Take a Back Seat to Its Bottom Line (Dkt. 928-50, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0362		Jan. 29, 2021 email from L. Twohill to S. Pichai (Dkt. 928-76, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0363		May 19, 2016 email from C. Palmer to A. Porter Felt (Dkt. 928-60, Brown v. Google, 4:20-CV-3664 (N.D. Cal.))	Palmer	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0364		Attorney General Mark Brnovich Achieves Historic \$85 Million Settlement with Google <a href="https://www.azag.gov/press-release/attorney-general-mark-brnovich-achieves-historic-85-million-settlement-google">https://www.azag.gov/press-release/attorney-general-mark-brnovich-achieves-historic-85-million-settlement-google</a>	Schneier	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0365		Attorney General Ken Paxton Secures Historic \$1.375 Billion Settlement with Google Related to Texans' Data Privacy Rights <a href="https://www.texasattorneygeneral.gov/news/releases/attorney-general-ken-paxton-secures-historic-1375-billion-settlement-google-related-texans-data">https://www.texasattorneygeneral.gov/news/releases/attorney-general-ken-paxton-secures-historic-1375-billion-settlement-google-related-texans-data</a>		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0366		No, hashing still doesn't make your data anonymous <a href="https://www.ftc.gov/policy/advocacy-research/tech-at-ftc/2024/07/no-hashing-still-doesnt-make-your-data-anonymous">https://www.ftc.gov/policy/advocacy-research/tech-at-ftc/2024/07/no-hashing-still-doesnt-make-your-data-anonymous</a>		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0367		Complying with COPPA: Frequently Asked Questions <a href="https://www.ftc.gov/business-guidance/resources/complying-coppa-frequently-asked-questions">https://www.ftc.gov/business-guidance/resources/complying-coppa-frequently-asked-questions</a>		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
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	PX0391	GOOG-RDGZ-00187578	Document titled Screenwise Panel Recruitment Survey, dated March 4, 2022	Lasinski	Hearsay - FRE 801/802; Lack of Foundation/Personal Knowledge - FRE 602; Lack of Authentication - FRE 901
	PX0392	GOOG-RDGZ-00187574	Document titled IPSOS Incentive Structure History, dated March 4, 2022	Google Document Custodian	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0393		Google Screenwise Panel Privacy Policy <a href="https://screenwisepanel.com/google-panel-privacy-policy">https://screenwisepanel.com/google-panel-privacy-policy</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901

	PX0394	GOOG-RDGZ-00187623	Google Screenwise Panel Brochure	Lasinski	Hearsay - FRE 801/802; Lack of Foundation/Personal Knowledge - FRE 602; Lack of Authentication - FRE 901
	PX0395		"About the Ipsos Screenwise Panel" <a href="https://screenwisepanel.com/home">https://screenwisepanel.com/home</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0396		"AT&T charges \$29 more for gigabit fiber that doesn't watch your Web browsing." <a href="https://arstechnica.com/information-technology/2015/02/att-charges-29-more-for-gigabit-fiber-that-doesnt-watch-your-web-browsing">https://arstechnica.com/information-technology/2015/02/att-charges-29-more-for-gigabit-fiber-that-doesnt-watch-your-web-browsing</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0397		AT&T Offers Gigabit Internet Discount in Exchange for Your Web History (Ars Technica article) <a href="https://arstechnica.com/information-technology/2013/12/att-offers-gigabit-internet-discount-in-exchange-for-your-web-history/">https://arstechnica.com/information-technology/2013/12/att-offers-gigabit-internet-discount-in-exchange-for-your-web-history/</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0398		Nielsen Computer & Mobile Panel Frequently Asked Questions <a href="https://computermobilepanel.nielsen.com/ui/US/en/faqen.html">https://computermobilepanel.nielsen.com/ui/US/en/faqen.html</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0399		"Nielsen Computer & Mobile Panel" <a href="https://computermobilepanel.nielsen.com/ui/US/en/sdp/landing">https://computermobilepanel.nielsen.com/ui/US/en/sdp/landing</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0400		What is SavvyConnect? <a href="https://surveysavvy.com/savvyconnect/">https://surveysavvy.com/savvyconnect/</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0401		How It Works [SavvyConnect] <a href="https://surveysavvy.com/how-it-works/">https://surveysavvy.com/how-it-works/</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0402		SavvyConnect Monthly Participation Requirements <a href="https://surveysavvy.com/savvyconnect-requirements/">https://surveysavvy.com/savvyconnect-requirements/</a>	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0403	GOOG-RDGZ-00204475	Spreadsheet titled "Google Accounts with WAA and/or sWAA on/off on a monthly basis"	Lasinski, Hochman	Lack of Foundation/Personal Knowledge - FRE 602
	PX0404	GOOG-RDGZ-02111191	Monthly (s)WAA-Off Accounts from May 2020 through July 2024	Lasinski, Hochman	Lack of Foundation/Personal Knowledge - FRE 602
	PX0405	GOOG-RDGZ-02111194	Monthly (s)WAA-Off Accounts from August 2024 through September 2024	Lasinski, Hochman	Lack of Foundation/Personal Knowledge - FRE 602
	PX0406	GOOG-RDGZ-02111187	GAP, WAA, sWAA Statistics	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0407	GOOG-RDGZ-00187010	GAP, WAA, sWAA Statistics	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0408	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0409	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0410	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0411		Exploring the Economics of Personal Data: Survey of Methodologies for Measuring Monetary Value	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901; Late Disclosure - FRCP 26, 37
	PX0412		Google's June 7, 2024 Responses to Questions from the Class Notice Administrator	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0413	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0414	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0415	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0416		Document titled Use pay for conversions in Display campaigns, dated July 19, 2023	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0417	GOOG-RDGZ-00188469	Document titled Ads Impact Response from 'ChromeGuard' and 'SameSite & Secure' Launches, dated May 7, 2019	Lasinski, Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0418	GOOG-RDGZ-00185743	App Promo Revenue Data	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0419	GOOG-RDGZ-00184247	App Promo Income Statement	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0420	GOOG-RDGZ-00185744	App Promo Income Statement	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0421	GOOG-RDGZ-02111189	App Promo Revenue Data	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0422	GOOG-RDGZ-02111196	App Promo Revenue Data	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0423	GOOG-RDGZ-00187666	App Promo P&L	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0424	GOOG-RDGZ-00187665	App Promo P&L	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0425	GOOG-RDGZ-00187666	AdMob Income Statement	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0426	GOOG-RDGZ-00187665	AdMob Income Statement	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0427	GOOG-RDGZ-02111197	AdMob Revenue Data	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0428	GOOG-RDGZ-02111188	AdMob P&L from 2022, 2023	Lasinski	Lack of Foundation/Personal Knowledge - FRE 602
	PX0429		Google Form 10-K for the fiscal year ended December 31, 2024	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0430		Website titled "Most popular installed ad network software development kits (SDKs) across Android apps worldwide as of January 2025", <a href="https://www.statista.com/statistics/1035623/leading-mobile-app-ad-network-sdks-android/">https://www.statista.com/statistics/1035623/leading-mobile-app-ad-network-sdks-android/</a>	Hochman	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0431		Publication by App Annie Titled, Spotlight on Consumer App Usage, Part 1, <a href="https://www.insidemktg.it/wp-content/uploads/2017/06/1705_Report_Consumer_App_Usage_EN.pdf">https://www.insidemktg.it/wp-content/uploads/2017/06/1705_Report_Consumer_App_Usage_EN.pdf</a>	Hochman, Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901



	PX0432		August 16, 2022 email from E. Santacana to A. Frawley RE: Rodriguez v. Google	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0433		November 8, 2024 letter from E. Santacana to M. Mao	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0434		February 25, 2025 letter from E. Santacana to M. Mao	Lasinski	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
	PX0435	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
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	PX0437	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0438	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0439	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0440	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
	PX0441	GOOG-RDGZ-00071768	Spreadsheet titled "GWS Log Schema"	Hochman	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602
	PX0442	GOOG-RDGZ-00182721	Data Production from Google	Hochman, Rodriguez	n/a
	PX0443	GOOG-RDGZ-00208333	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0444	GOOG-RDGZ-00208334	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0445	GOOG-RDGZ-00210433	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0446	GOOG-RDGZ-00210431	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0447	GOOG-RDGZ-00210490; GOOG-RDGZ-00210491 to GOOG-RDGZ-00211103	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0448	GOOG-RDGZ-00210432	Data Production from Google	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0449		February 23, 2023 Data Productions from Google re: Test Account Subscriber Info and WAA and sWAA Records - Due to technical difficulties, this document will be produced in the near future.	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0450	GOOG-RDGZ-00210491 to GOOG-RDGZ-00211103	Data Productions from Google: Re UuAD Data	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0451	GOOG-RDGZ-00210433	rodriguez_litigation_adevents.csv	Hochman	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0452	GOOG-RDGZ-00071766	Data Production from Google	Hochman, Plaintiffs	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0453	GOOG-RDGZ-00071767	Data Production from Google	Hochman, Plaintiffs	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0454	GOOG-RDGZ-00182689	Data Production from Google	Hochman, Rodriguez	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602
	PX0455	GOOG-RDGZ-00124313-15; GOOG-RDGZ-00013556; GOOG-RDGZ-00013559; GOOG-RDGZ-00013569-70; GOOG-RDGZ-00013578; GOOG-RDGZ-00013583; GOOG-RDGZ-00013597; GOOG-RDGZ-00210399; GOOG-RDGZ-00210402; GOOG-RDGZ-00210402-05; GOOG-RDGZ-00210411; GOOG-RDGZ-00210415	Data Productions from Google re: Rodriguez Subscriber Information	Hochman, Rodriguez	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0456	GOOG-RDGZ-00124316-17; GOOG-RDGZ-00013600; GOOG-RDGZ-00013603; GOOG-RDGZ-00013603.0001; GOOG-RDGZ-00013613-14; GOOG-RDGZ-00013613.0001-14.0001; GOOG-RDGZ-00013622; GOOG-RDGZ-00013622.0001; GOOG-RDGZ-00013627; GOOG-RDGZ-00013627.0001; GOOG-RDGZ-00013641; GOOG-RDGZ-00210430; GOOG-RDGZ-00210438; GOOG-RDGZ-00210442; GOOG-RDGZ-00210443; GOOG-RDGZ-00210445-48; GOOG-RDGZ-00013641.0001; GOOG-RDGZ-00210458-59; GOOG-RDGZ-00210465-66; GOOG-RDGZ-00210488-89	Data Productions from Google re: Rodriguez WAA and sWAA on/off records	Hochman, Rodriguez	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0457	GOOG-RDGZ-00013586-93; GOOG-RDGZ-00210418-25	Data Productions from Google re: Cataldo Subscriber Information	Hochman, Cataldo	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
	PX0458	GOOG-RDGZ-0001630-37; GOOG-RDGZ-0001630.0001-37.0001; GOOG-RDGZ-00013630-37; GOOG-RDGZ-00013630.0001-637.0001; GOOG-RDGZ-00210471-80	Data Productions from Google re: Cataldo WAA and sWAA on/off records - Due to technical difficulties with respect to this exhibit, some portions of which should be produced in native, select segments of the exhibit will be produced in the near future in their native format.	Hochman, Cataldo	Relevance - 402; Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802

PX0459	GOOG-RDGZ-00124318-20; GOOG-RDGZ-00013554-55; GOOG-RDGZ-00013557; GOOG-RDGZ-00013574; GOOG-RDGZ-00013596; GOOG-RDGZ-00210397-98; GOOG-RDGZ-00210400; GOOG-RDGZ-00210407; GOOG-RGZ-00210426	Data Productions from Google re: Harvey Subscriber Information	Hochman, Harvey	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0460	GOOG-RDGZ-00124327-28; GOOG-RDGZ-00013598-99; GOOG-RDGZ-00013601; GOOG-RDGZ-00013618; GOOG-RDGZ-00013640; GOOG-RDGZ-00013598.0001-99.0001; GOOG-RDGZ-00013601.0001; GOOG-RGZ-00210434-7; GOOG-RGZ-00210439-40; GOOG-RGZ-00210451; GOOG-RGZ-00210481	Data Productions from Google re: Harvey WAA and sWAA on/off records	Hochman, Harvey	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0461	GOOG-RDGZ-00013598	Data Production from Google	Hochman, Harvey	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602
PX0462	GOOG-RDGZ-00013598.0001	Data Production from Google	Hochman, Harvey	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602
PX0463	GOOG-RDGZ-00210406; GOOG-RDGZ-00013573	Data Productions from Google re: Santiago Subscriber Information	Hochman, Santiago	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0464	GOOG-RDGZ-00210449-50; GOOG-RDGZ-00013617-.0001	Data Productions from Google re: Santiago WAA and sWAA on/off records	Hochman, Santiago	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802
PX0465	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
PX0466	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
PX0467	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
PX0468	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
PX0469	INTENTIONALLY LEFT BLANK			INTENTIONALLY LEFT BLANK
PX0470		Trial transcript from Csupo v. Google LLC, No. 19-cv-352557 (Santa Clara Sup. Ct.)		Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901
PX0471		Heft-Luthy Dep. Ex. 340 (Resume)	Heft-Luthy	INTENTIONALLY LEFT BLANK
PX0472		Monsees LinkedIn Resume	Monsees	Relevance - FRE 402
PX0473		Kearns Dep. Ex. 370 (Resume)	Kearns	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Authentication - FRE 901
PX0474		Ganem LinkedIn Resume	Ganem	Relevance - FRE 402
PX0475		Ruemmler Dep. Ex. 1 (Resume)	Ruemmler	Relevance - FRE 402
PX0476		Witness Sundar Pichai Bio, <a href="https://www.congress.gov/116/meeting/house/110883/witnesses/H_HRG-116-JU05-Bio-PichaiS-20200729.pdf">https://www.congress.gov/116/meeting/house/110883/witnesses/H_HRG-116-JU05-Bio-PichaiS-20200729.pdf</a>	Pichai	Relevance - FRE 402; Unfairly Prejudicial - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602; Hearsay - FRE 801/802; Lack of Authentication - FRE 901; Pichai excluded by June 25, 2025 Court Order
PX0477		Summary of (s)WAA-Off Accounts	Lasinski, Hochman, Monsees	
PX0478		Summary of (s)WAA-Off Users	Lasinski, Keegan	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lacks Foundation - FRE 702; Inaccurate Summary - FRE 1006
PX0479		Summary of (s)WAA-Off Devices	Keegan	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0480		Summary of Average Number of Months Class Members Had (s)WAA Off	Lasinski, Keegan	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0481		Summary of Locations from Records Saved by Google for Plaintiff Cataldo's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0482		Summary of Locations from Records Saved by Google for Plaintiff Cataldo's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0483		Summary of Locations from Records Saved by Google for Plaintiff Harvey's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0484		Summary of Locations from Records Saved by Google for Plaintiff Harvey's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0485		Summary of Locations from Records Saved by Google for Plaintiff Rodriguez's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0486		Summary of Locations from Records Saved by Google for Plaintiff Rodriguez's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0487		Volume of Records Saved by Google from Plaintiff Cataldo's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Jury confusion - FRE 403; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0488		Volume of Records Saved by Google from Plaintiff Cataldo's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0489		Volume of Records Saved by Google from Plaintiff Harvey's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
PX0490		Dkt. 481 - Joint Stipulation on Google's Supplemental Financial Productions	Lasinski	Jury confusion - FRE 403; Lack of Foundation/Personal Knowledge - FRE 602;

	PX0491			Volume of Records Saved by Google from Plaintiff Harvey's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
	PX0492			Volume of Records Saved by Google from Plaintiff Rodriguez's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
	PX0493			Volume of Records Saved by Google from Plaintiff Rodriguez's Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
	PX0494			Digital Map File of Locations from Records Saved by Google for Plaintiffs' Non-Google App Activity While (s)WAA Was Off Between October 15, 2021 and December 20, 2021	Hochman, Google Records Custodian	Relevance - FRE 402; Unfair Prejudice, Misleading the Jury - FRE 403; Lack of Authentication - FRE 901; Lack of Foundation/Personal Knowledge - FRE 602; Inaccurate Summary - FRE 1006
	PX0495	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0496	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0497	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0498	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0499	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0500	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0501	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0502	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0503	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0504	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0505	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0506	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0507	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0508	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0509	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0510	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0511	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0512	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0513	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0514	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK
	PX0515	INTENTIONALLY LEFT BLANK	n/a	n/a	n/a	INTENTIONALLY LEFT BLANK